


# **EXHIBIT 17**

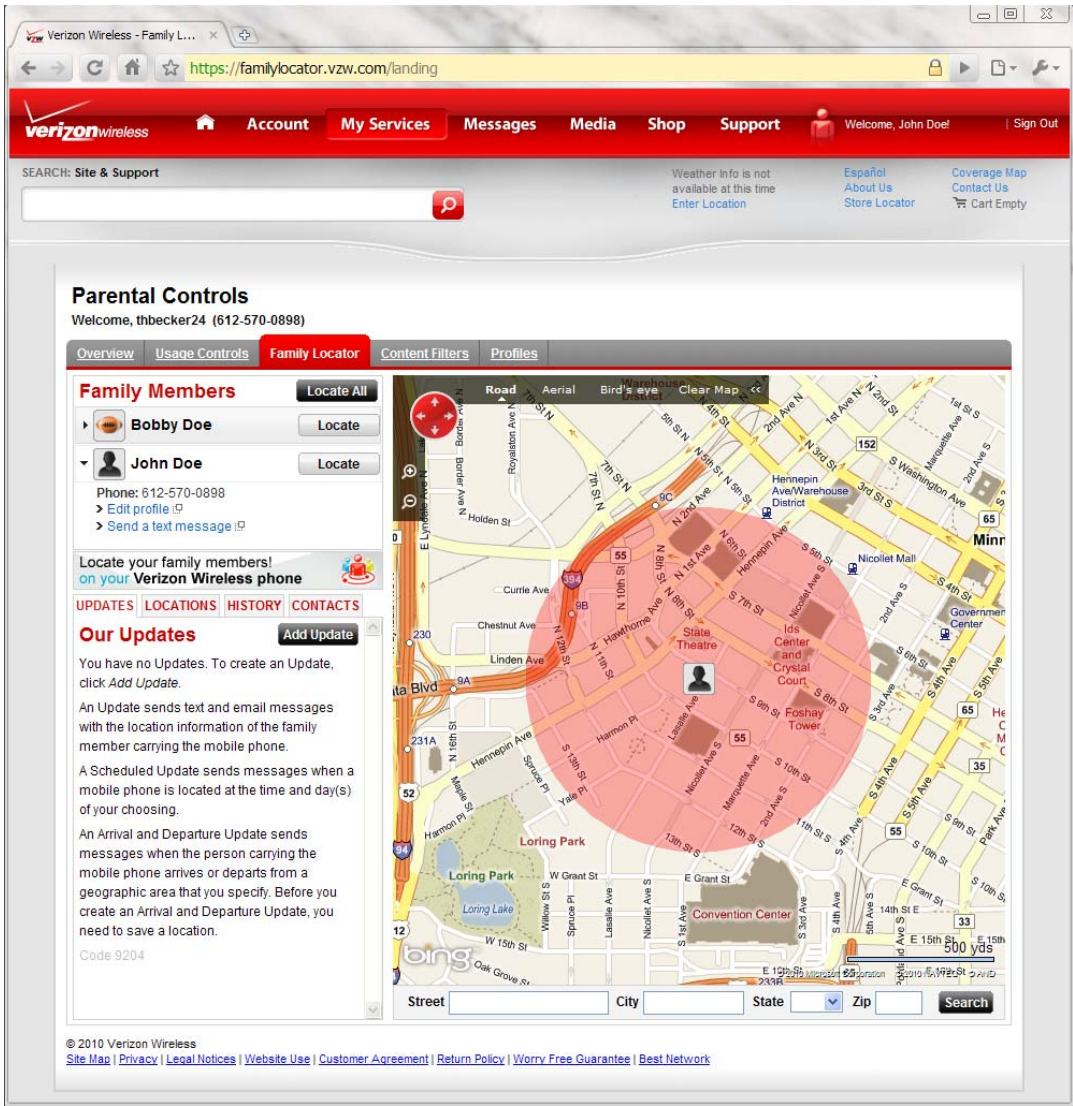
**Exhibit 17**

	<b>Claim</b>	<b>Preliminary Exemplary Infringement Support</b>
1.	A location monitoring system, comprising:	<p>“With Family Locator it’s easy to know where your family is. Simply use your mobile device or the Web to view the location of family members with Family Locator-capable devices. Your family members’ location information will be displayed on a detailed map.”  (<a href="http://parentalcontrolcenter/#_self">http://parentalcontrolcenter/#_self</a>)</p>
1.a	a plurality of mobile computing devices supported by a wireless network,	<p>“With Family Locator it’s easy to know where your family is. Simply use your mobile device or the Web to view the location of family members with Family Locator-capable devices. Your family members’ location information will be displayed on a detailed map.”  (<a href="http://parentalcontrolcenter/#_self">http://parentalcontrolcenter/#_self</a>)</p> <p>Each mobile device is a mobile computing device which is supported by the Verizon wireless network.</p>
1.a.1	each of said mobile computing devices being associated with and proximate to a corresponding object; and	<p>“With Family Locator it’s easy to know where your family is. Simply use your mobile device or the Web to view the location of family members with Family Locator-capable devices. Your family members’ location information will be displayed on a detailed map.”  (<a href="http://parentalcontrolcenter/#_self">http://parentalcontrolcenter/#_self</a>)</p>

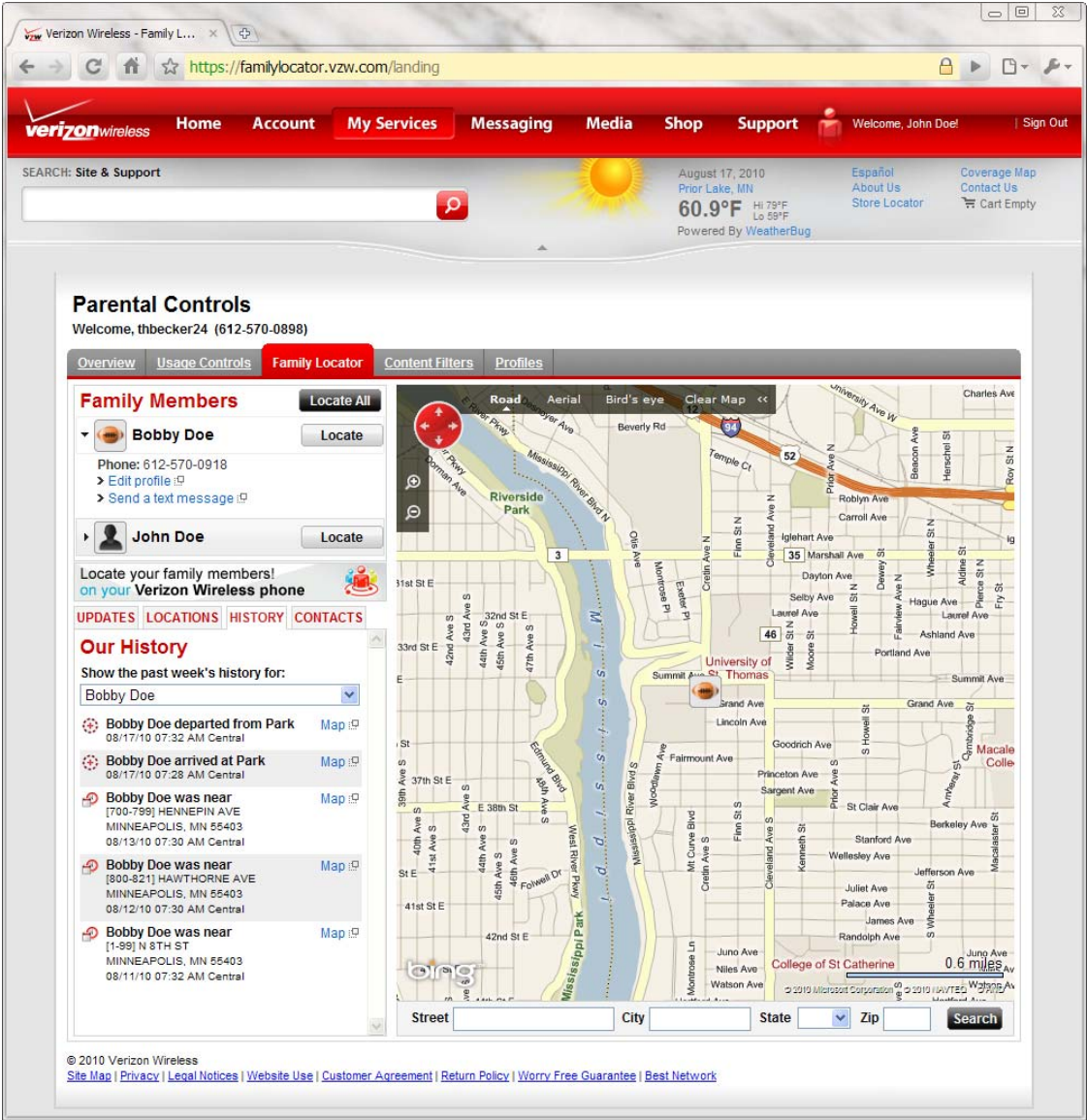
## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
1.b	a web server operatively connectable to the wireless network,	<p>Family Locator includes, but is not limited to, a server found at <a href="https://familylocator.vzw.com/landing">https://familylocator.vzw.com/landing</a>.</p>  <p>The screenshot displays the Verizon Wireless Family Locator landing page. The browser address bar shows the URL <a href="https://familylocator.vzw.com/landing">https://familylocator.vzw.com/landing</a>. The page features a red navigation bar with links for Account, My Services, Messages, Media, Shop, and Support. Below this is a search bar and a 'Parental Controls' section. The 'Family Locator' tab is selected, showing a map of the United States. On the left, under 'Family Members', Bobby Doe and John Doe are listed with 'Locate' buttons. The 'Our Updates' section explains how to create and use updates. At the bottom, there is a search bar with fields for Street, City, State, and Zip.</p>

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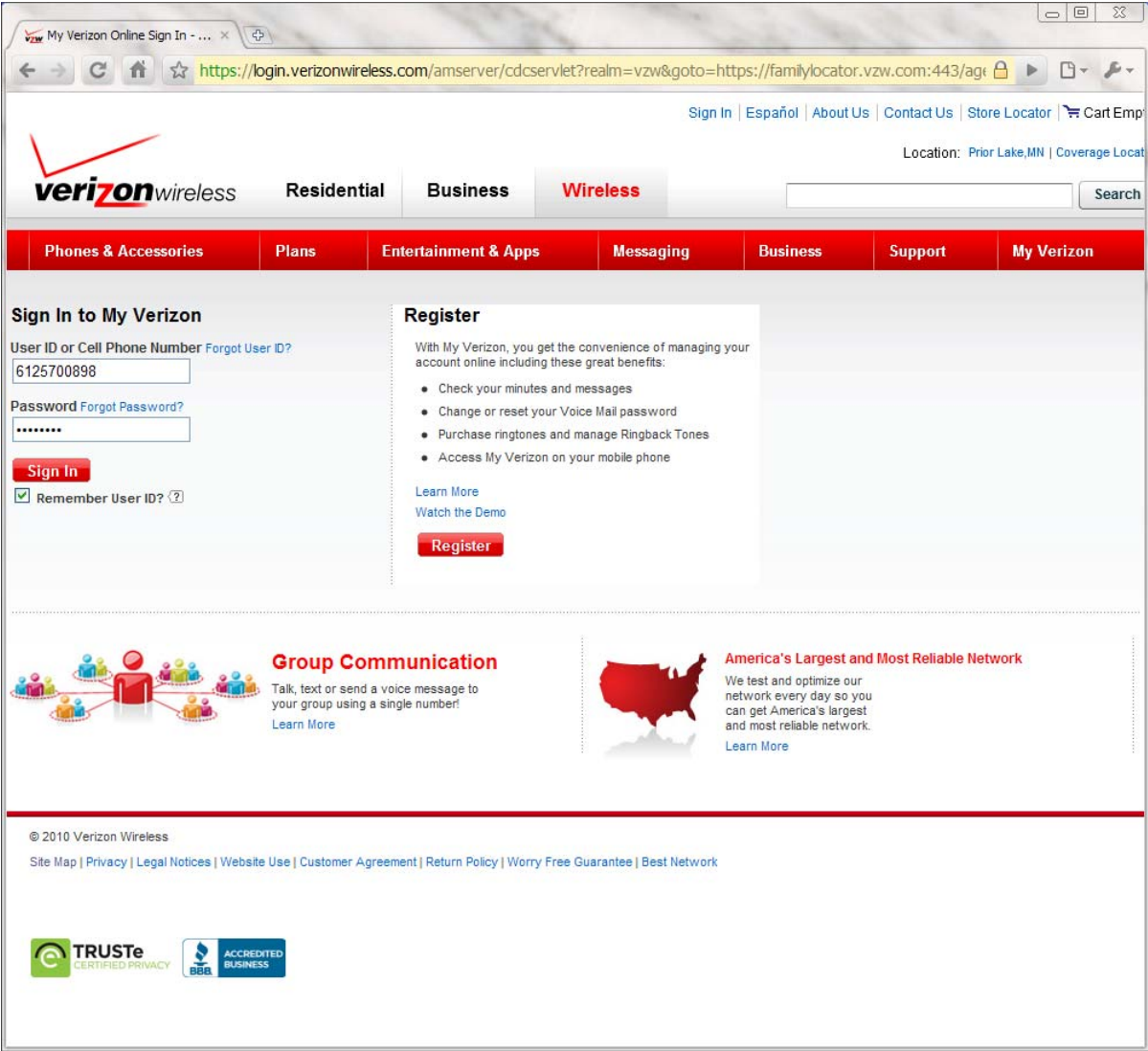
	Claim	Preliminary Exemplary Infringement Support
1.b.1	said web server storing locations of each of said mobile computing devices, and	<p>A server at <a href="https://familylocator.vzw.com/landing">https://familylocator.vzw.com/landing</a> stores the location of each of the mobile devices, which can then be retrieved via that server by pressing the “Locate” icon, as shown below.</p>  <p>The screenshot shows the Verizon Wireless Family Locator landing page. The browser address bar displays <a href="https://familylocator.vzw.com/landing">https://familylocator.vzw.com/landing</a>. The page features a red navigation bar with links for Account, My Services, Messages, Media, Shop, and Support. Below the navigation bar is a search bar and a 'Parental Controls' section. The 'Family Locator' tab is selected, showing a list of family members: Bobby Doe and John Doe. Each member has a 'Locate' button. John Doe's profile shows his phone number (612-570-0898) and options to edit his profile or send a text message. A map of Minneapolis is displayed on the right, with a red circle indicating the location of John Doe. The map includes labels for various streets and landmarks, such as Hennepin Avenue, Nicollet Mall, and the State Theatre. The bottom of the page contains copyright information for 2010 Verizon Wireless and links to Site Map, Privacy, Legal Notices, Website Use, Customer Agreement, Return Policy, Worry Free Guarantee, and Best Network.</p>

## Exhibit 17


	Claim	Preliminary Exemplary Infringement Support
1.b.1 cont.		<p>The use of the “HISTORY” tab also illustrates how a server stores locations.</p>  <p>The screenshot shows the Verizon Wireless Family Locator website. The 'History' tab is selected, displaying a list of location history entries for Bobby Doe. The entries include: Bobby Doe departed from Park (08/17/10 07:32 AM Central), Bobby Doe arrived at Park (08/17/10 07:28 AM Central), Bobby Doe was near [700-799] HENNEPIN AVE MINNEAPOLIS, MN 55403 (08/13/10 07:30 AM Central), Bobby Doe was near [800-321] HAWTHORNE AVE MINNEAPOLIS, MN 55403 (08/12/10 07:30 AM Central), and Bobby Doe was near [1-99] N 8TH ST MINNEAPOLIS, MN 55403 (08/11/10 07:32 AM Central). The map shows the location of Bobby Doe at the time of the last entry.</p>



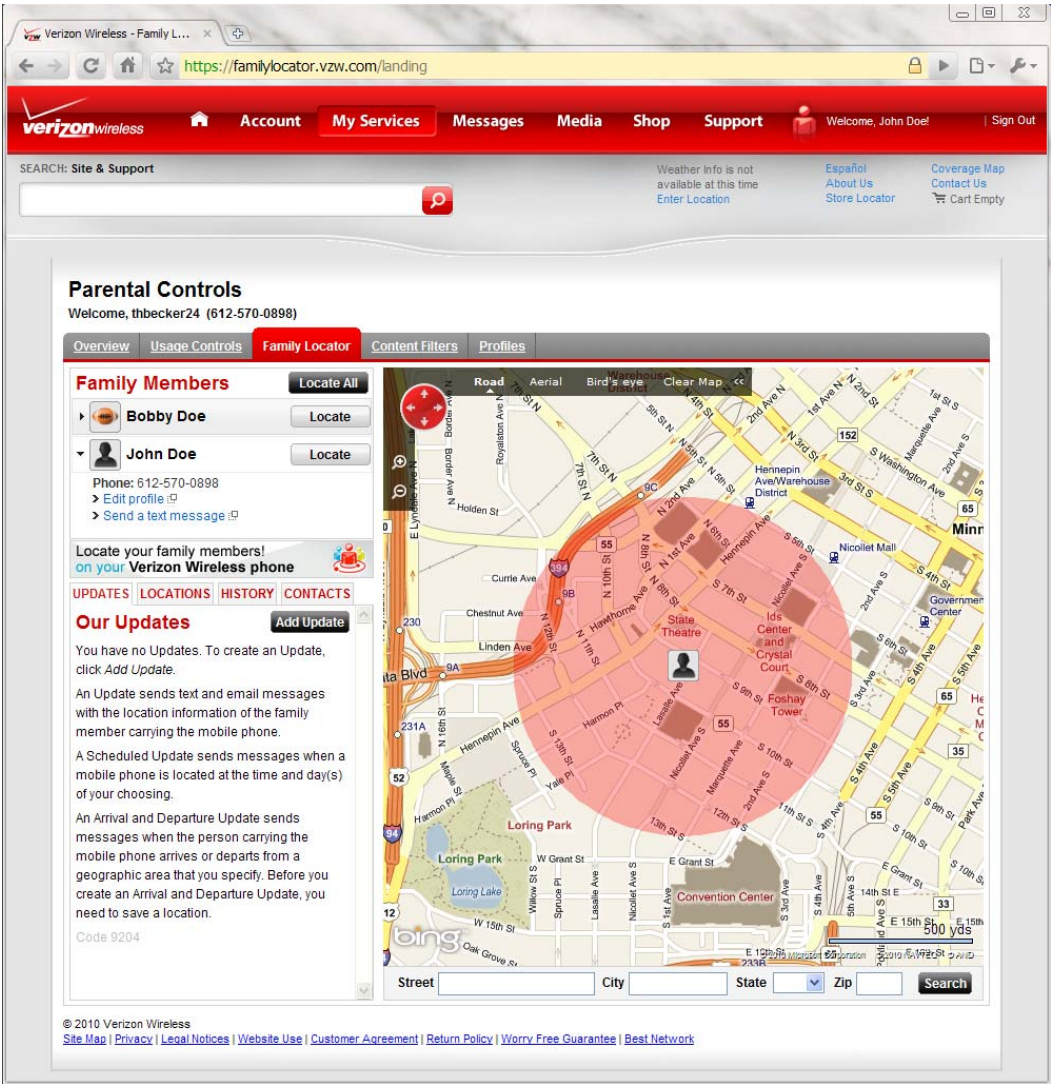
## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
1.b.2	said web server enabling authorized users to access the locations of said mobile computing devices via the Internet,	<p>For a user to be authorized to access the location information, the user is required to log into Family Locator.</p> 

## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
1.b.2 cont.		<p>Authorized users can access the location of the phones via the Verizon website at <a href="https://familylocator.vzw.com/landing">https://familylocator.vzw.com/landing</a>.</p>  <p>The screenshot shows the Verizon Family Locator website. The top navigation bar includes links for Account, My Services, Messages, Media, Shop, and Support. The main content area is titled 'Parental Controls' and includes a 'Family Locator' tab. Under 'Family Members', there are two entries: Bobby Doe (Phone: 612-570-0918) and John Doe. A map of the United States is displayed on the right, with a red location pin in the upper left corner. The bottom of the page shows the copyright notice for 2010 Verizon Wireless and various links like Site Map, Privacy, and Legal Notices.</p>

## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
1.b.2 cont.		<p>As one example, an authorized user can click on the "Locate" icon shown above to find the location of any of the phones. In response, the server provides the user with the location, as shown below.</p>  <p>The screenshot displays the Verizon Wireless Family Locator interface. The top navigation bar includes links for Account, My Services, Messages, Media, Shop, and Support. Below this is a search bar and a 'Parental Controls' section. The main content area is titled 'Family Members' and lists two members: Bobby Doe and John Doe. John Doe's profile shows his phone number (612-570-0898) and options to edit his profile or send a text message. A map of Minneapolis is shown on the right, with a red location pin indicating a specific location. The sidebar also includes a 'Locate All' button and a 'Family Locator' tab. The bottom of the page contains copyright information and various links.</p>



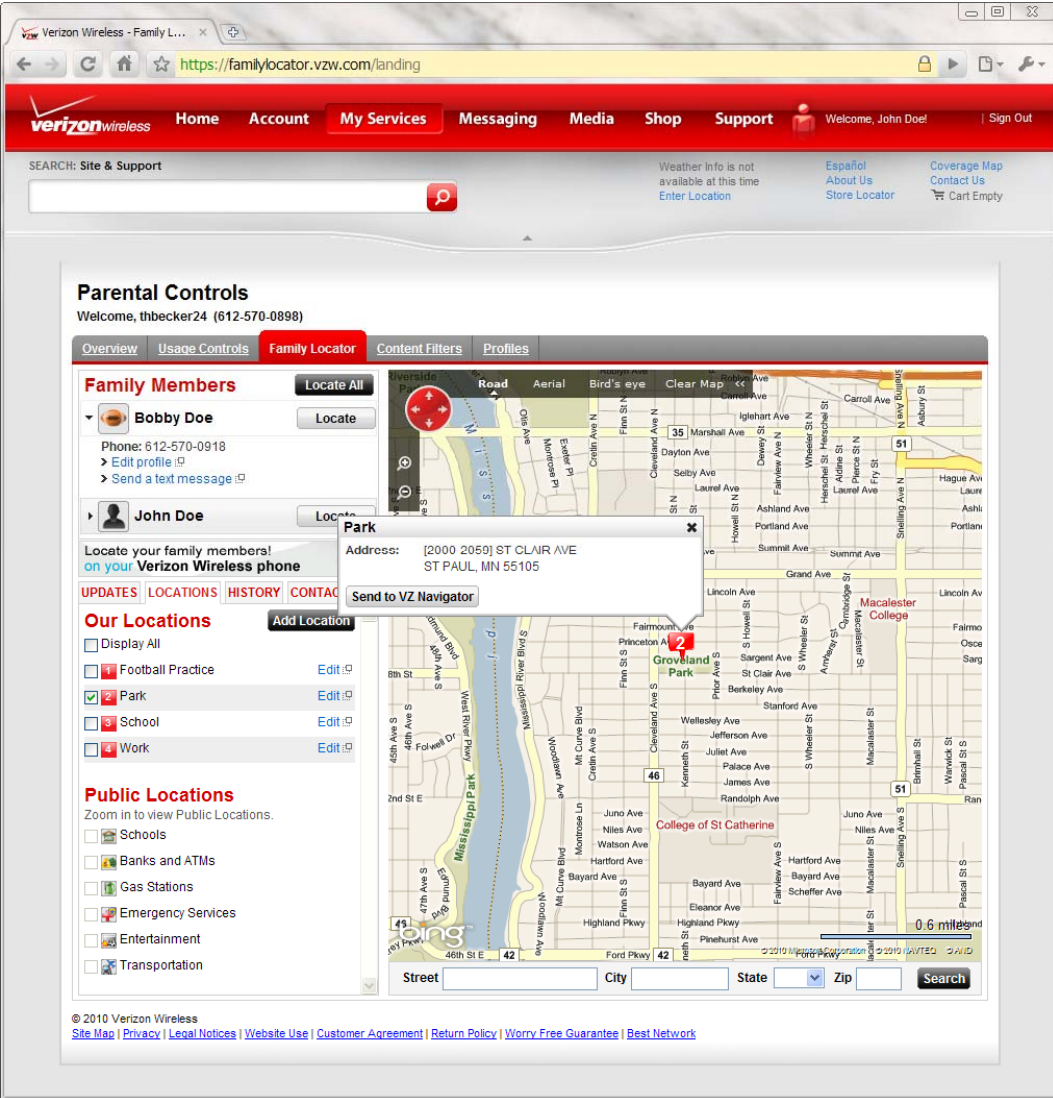
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	Claim	Preliminary Exemplary Infringement Support
1.c	wherein access to locations of each of said mobile computing devices is controlled by the owner or user of the corresponding mobile computing device,	<p>Access to locations is controlled by the owner of the mobile phone.</p> <p><b>“How do I manage my privacy settings?</b>  Select whether or not your family members should be asked for their permission to be located. Navigate to your profile to manage your privacy settings:</p> <ol style="list-style-type: none"> <li>1. Select the Profile link below the Family Members names in the top left of the screen.</li> <li>2. Press on the appropriate Family Member’s Button to make the “Profile” link reveal itself for that particular Locatee.</li> </ol> <p>Privacy settings allow you to manage your family members control over how Family Locator can share their location. Choose from 2 options:</p> <ol style="list-style-type: none"> <li>1. Always Share My Location With Family - Means that your requests for location or the creation of an Arrival &amp; Departure Update will automatically be allowed for that Locatee.</li> <li>2. Ask Before Sharing My Location With Family - Means that the locatee phone must first accept any Location or New Arrival &amp; Departure Update request.</li> <li>3. Select the appropriate button under Privacy Settings. Click on Save. The setting is now assigned to the Family Member’s cell phone.” (<a href="http://support.vzw.com/clc/faqs/Features and Optional Services/family_locator.html">http://support.vzw.com/clc/faqs/Features and Optional Services/family_locator.html</a>)</li> </ol> <p><b>“What can cause a delay in receiving a Location Update or no Update once my Family Member has left a Location?</b>  Most often the phone has been turned off or is in on a call both of which prevent completion of location requests. Location information presented could also be delayed, inaccurate, interrupted or disrupted due to many factors such as atmospheric, environmental and geographic conditions, satellite location or other factors associated with use of satellites and satellite data, cell site location and information or other network conditions. Try to locate the cell phone again, it should provide the same or similar location to one of the earlier attempts. If you are unsure about your Family Member’s location, you should place a call directly to the cell phone to contact your Family Member.” (<a href="http://support.vzw.com/clc/faqs/Features and Optional Services/family_locator.html">http://support.vzw.com/clc/faqs/Features and Optional Services/family_locator.html</a>)</p> <p>“Can anyone else track my Family Member’s phone? How secure is the service?</p>

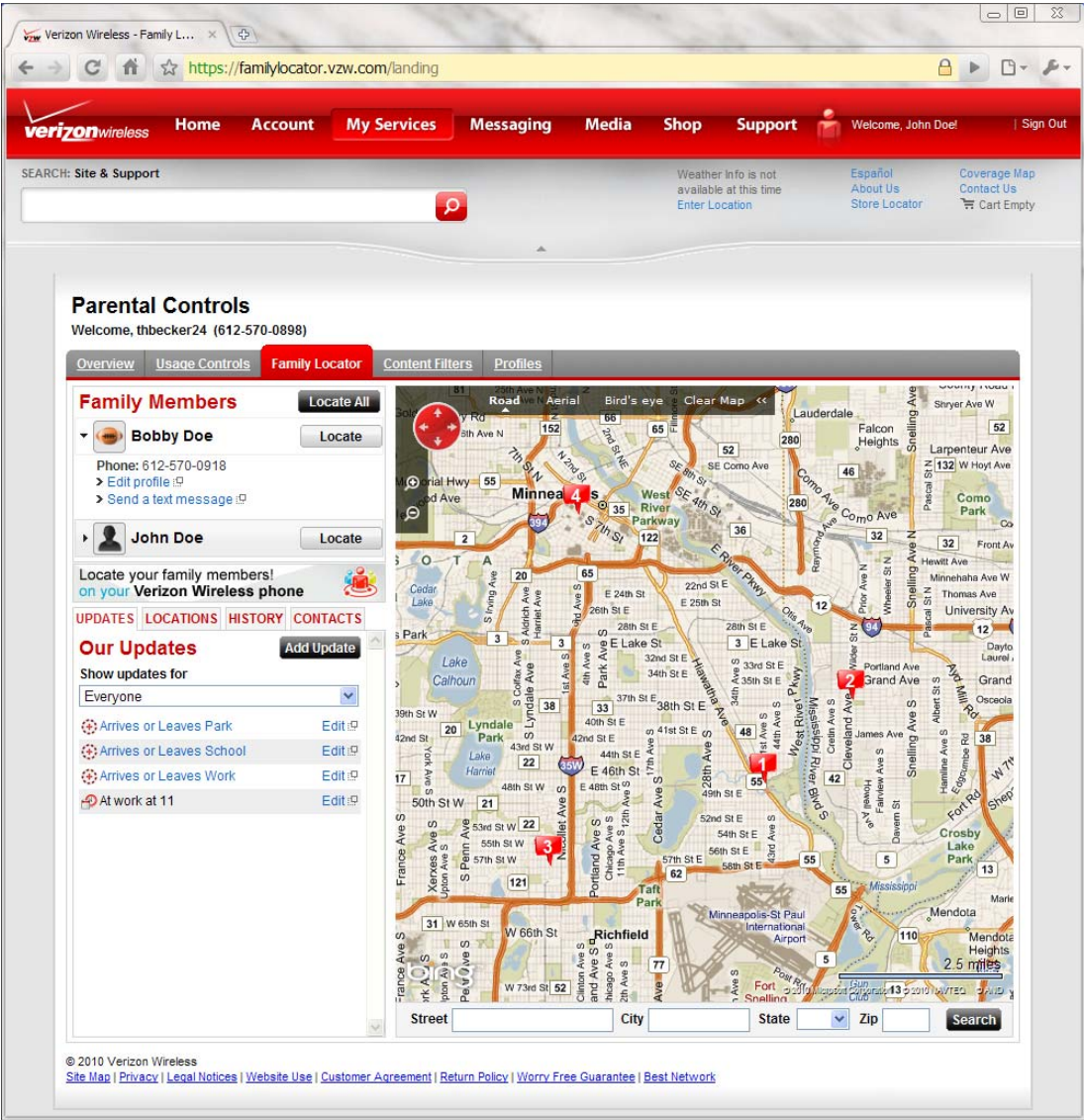
**Exhibit 17**

	<b>Claim</b>	<b>Preliminary Exemplary Infringement Support</b>
		<p>The account owner with access to account information and the other family members designated as 'Locators', will be able to access the Family Locator account, view location information and set up Locations for Updates to be sent to other individuals that they designate. The location information is only viewable through the Internet on a cell phone or PC. Locations can only be accessed by entering your account information including your password. It is very important that you keep this information private and not disclose your account information and/or password to others."  (<a href="http://support.vzw.com/faqs/Features and Optional Services/family_locator.html">http://support.vzw.com/faqs/Features and Optional Services/family_locator.html</a>)</p> <p>"Getting started with Location-Based Services (LBS)  Verizon Wireless values your privacy. Because of this, your wireless device is defaulted to only acquire your location when you dial 911. To use Location-Based Services, you must first enable location services on your wireless device." (<i>Samsung Reality User Guide, page 82</i>)</p>
1.d	wherein the authorized users do not have to be proximate to the objects whose locations they are authorized to access,	<p>Authorized users do not have to be near the people or phones they are locating. Instead, "Locate your children by their LBS-enabled wireless devices and get real-time updates right on your PC or Verizon Wireless device ... You'll get the added peace of mind of knowing that you're never out of touch with your family." (<i>Samsung Reality User Guide, page 83</i>)</p> <p>"Family Locator, formerly known as Chaperone, provides a convenient and valuable service to help you securely determine the location of your family members' cell phones from the Family Locator website or the Family Locator Mobile Web Site on your cell phone ..." (<a href="http://support.vzw.com/faqs/Features and Optional Services/family_locator.html">http://support.vzw.com/faqs/Features and Optional Services/family_locator.html</a>)</p>
1.e	wherein said web server determines whether an electronic mail or instant message notification is to be sent to an authorized user based on the location of at least one of the mobile computing devices corresponding to an object,	<p>Family Locator "Updates" allow a server to determine whether to send a notification to an authorized user based on the location of one of the phones.</p>

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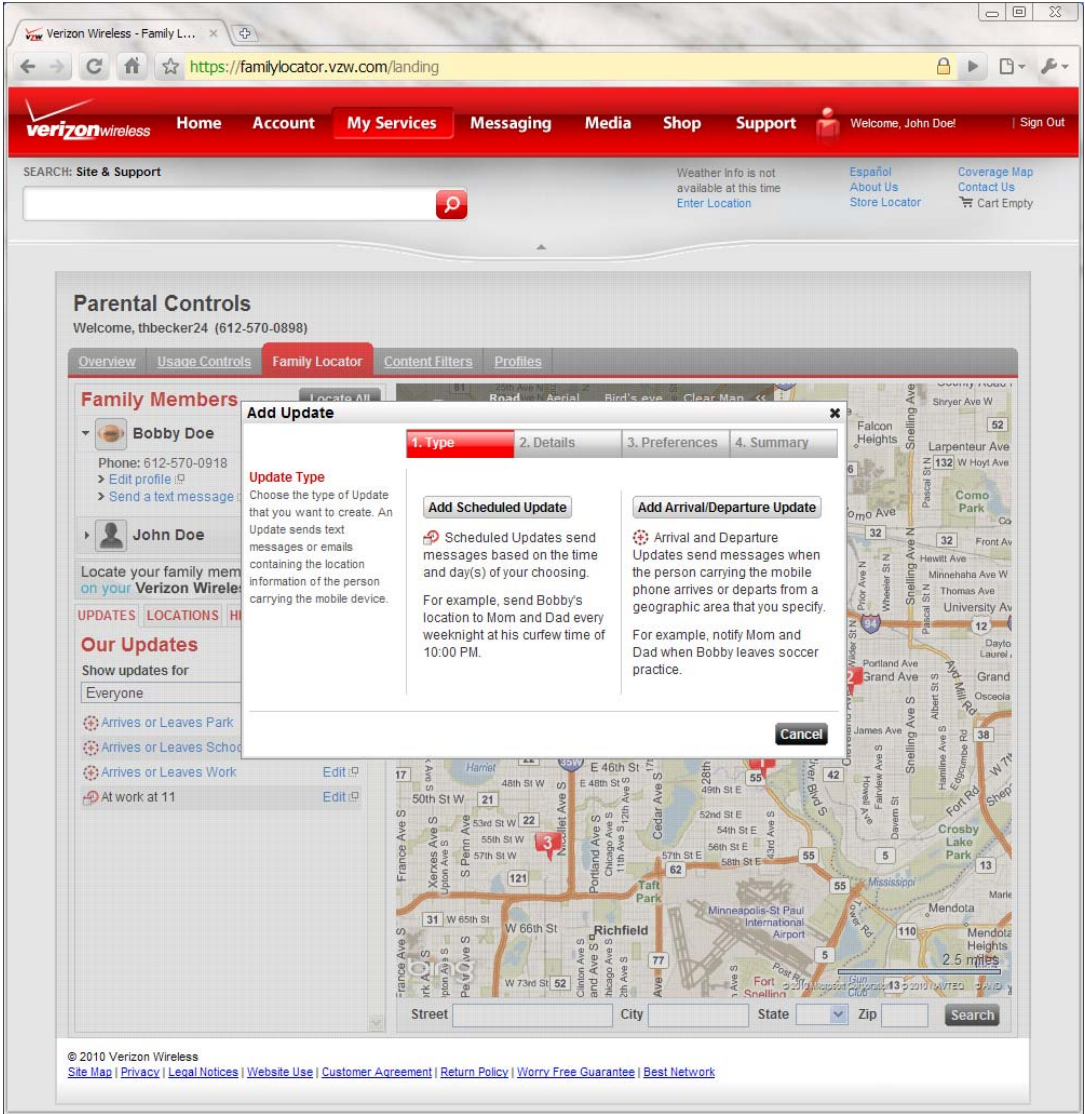
	Claim	Preliminary Exemplary Infringement Support
1.e cont.		<p>As one example, an authorized user can set an update notification to verify that Bobby Doe is at the park.</p> 

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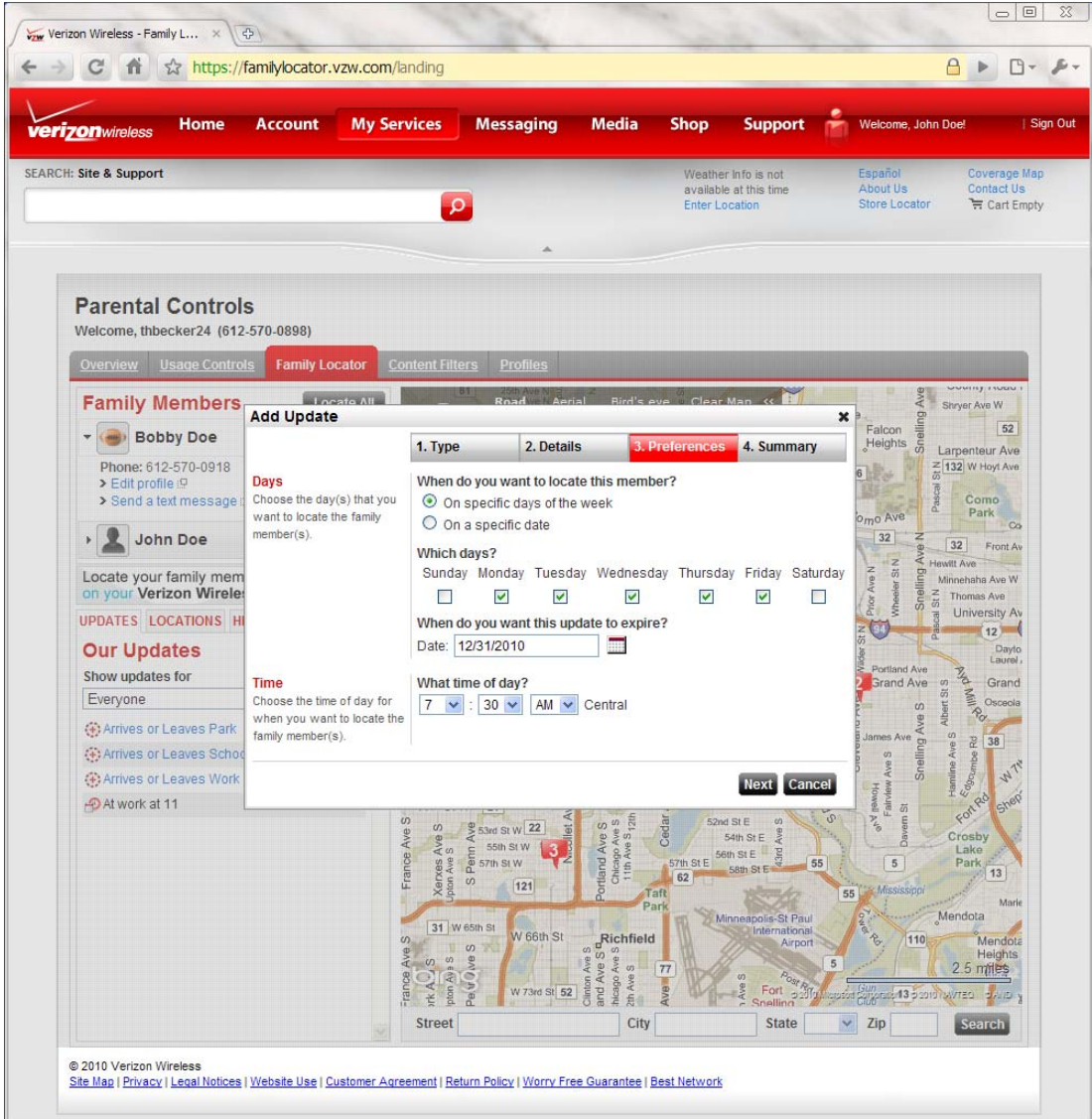
	Claim	Preliminary Exemplary Infringement Support
1.e cont.		<p>First, an authorized user can choose to "Add Update".</p> 



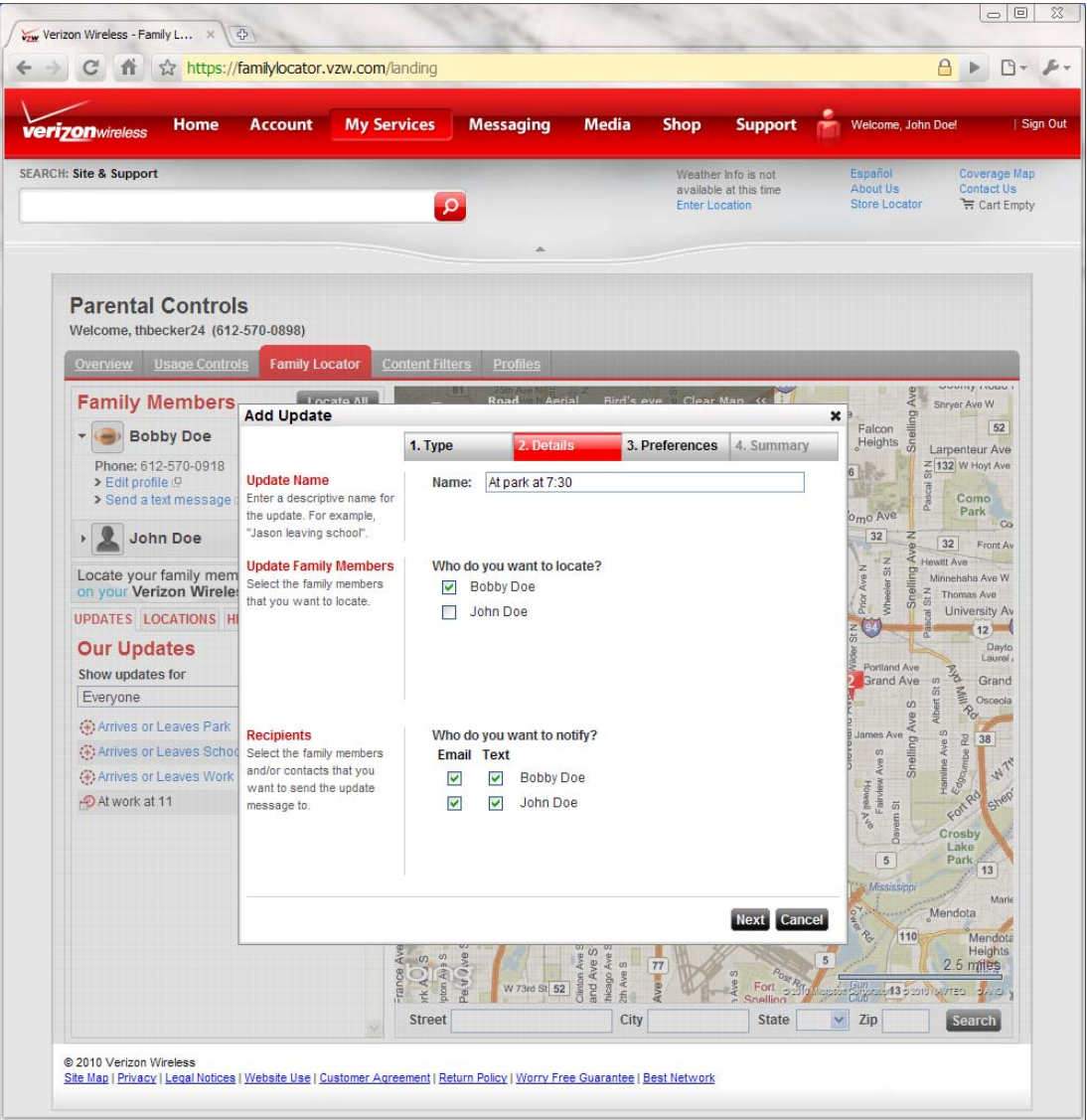
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	Claim	Preliminary Exemplary Infringement Support
1.e cont.		<p>One type of update is to “Add Scheduled Update”.</p> 

## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
1.e cont.		<p>Parameters are added to set the dates and times when the phone should be at the notification location.</p> 

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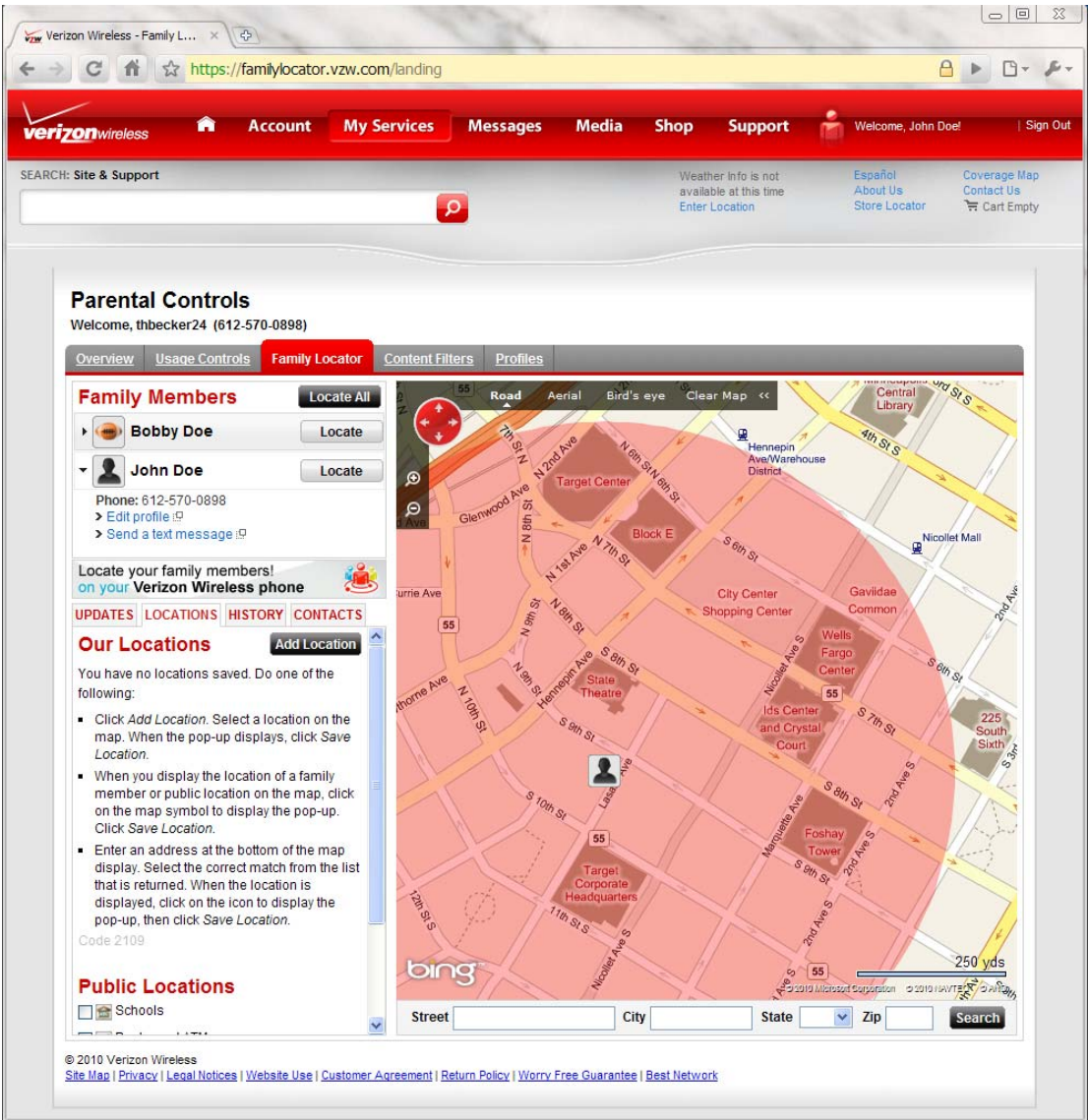
	Claim	Preliminary Exemplary Infringement Support
1.e cont.		<p>The authorized user also selects whether the notification will be sent by text message and/or an email.</p>  <p>The screenshot shows the Verizon Wireless Family Locator website. The 'Add Update' dialog box is open, displaying the 'Details' tab. The 'Name' field is filled with 'At park at 7:30'. Under 'Update Family Members', 'Bobby Doe' is selected. In the 'Recipients' section, both 'Email' and 'Text' are selected for both 'Bobby Doe' and 'John Doe'. The background shows the 'Parental Controls' page with a map and a list of family members.</p>

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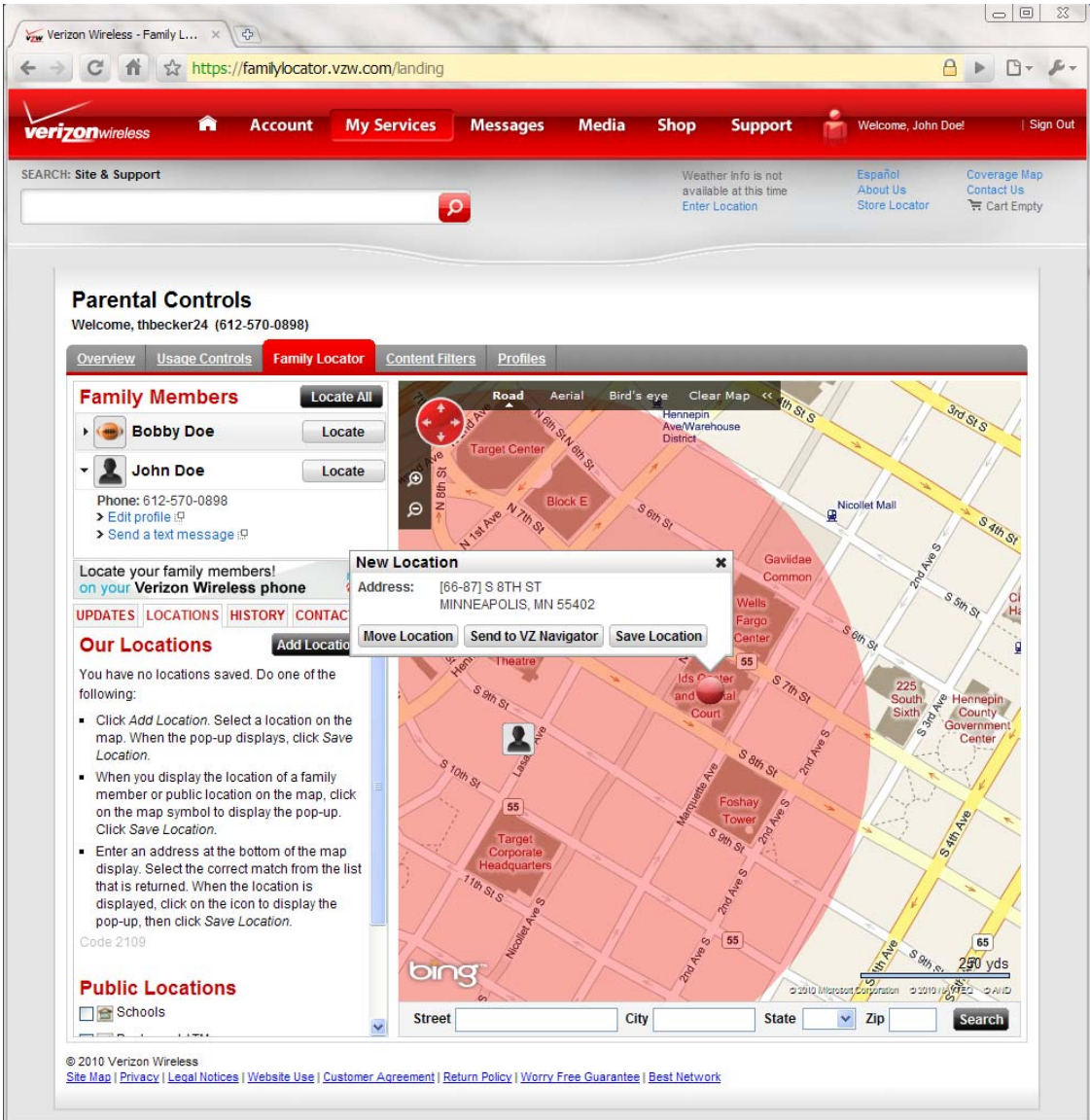
	<b>Claim</b>	<b>Preliminary Exemplary Infringement Support</b>
1.f	wherein said web server sends an electronic mail or instant message notification to the authorized user when it has been determined that an electronic mail or instant message notification is to be sent to the authorized user,	<p>The update procedure above outlines a procedure by which a server determines if a notification is to be sent to the authorized user.</p> <p>The example notification is then sent. For example, the authorized user received the following email from notification@familylocator.vzw.com by the authorized user, based on a previously configured update.</p> <p>"Bobby Doe was near [2000-2059] ST CLAIR AVE ST PAUL, MN 55105 on 07/12/10 at 07:31 AM Central." (E-mail from notification@familylocator.vzw.com to guardianloc@gmail.com (July 12, 2010 at 7:31 AM))</p>
1.g	wherein one or more notification locations are defined by the authorized user through interaction with said web server, and	The authorized user defines notification locations by interaction with a server.



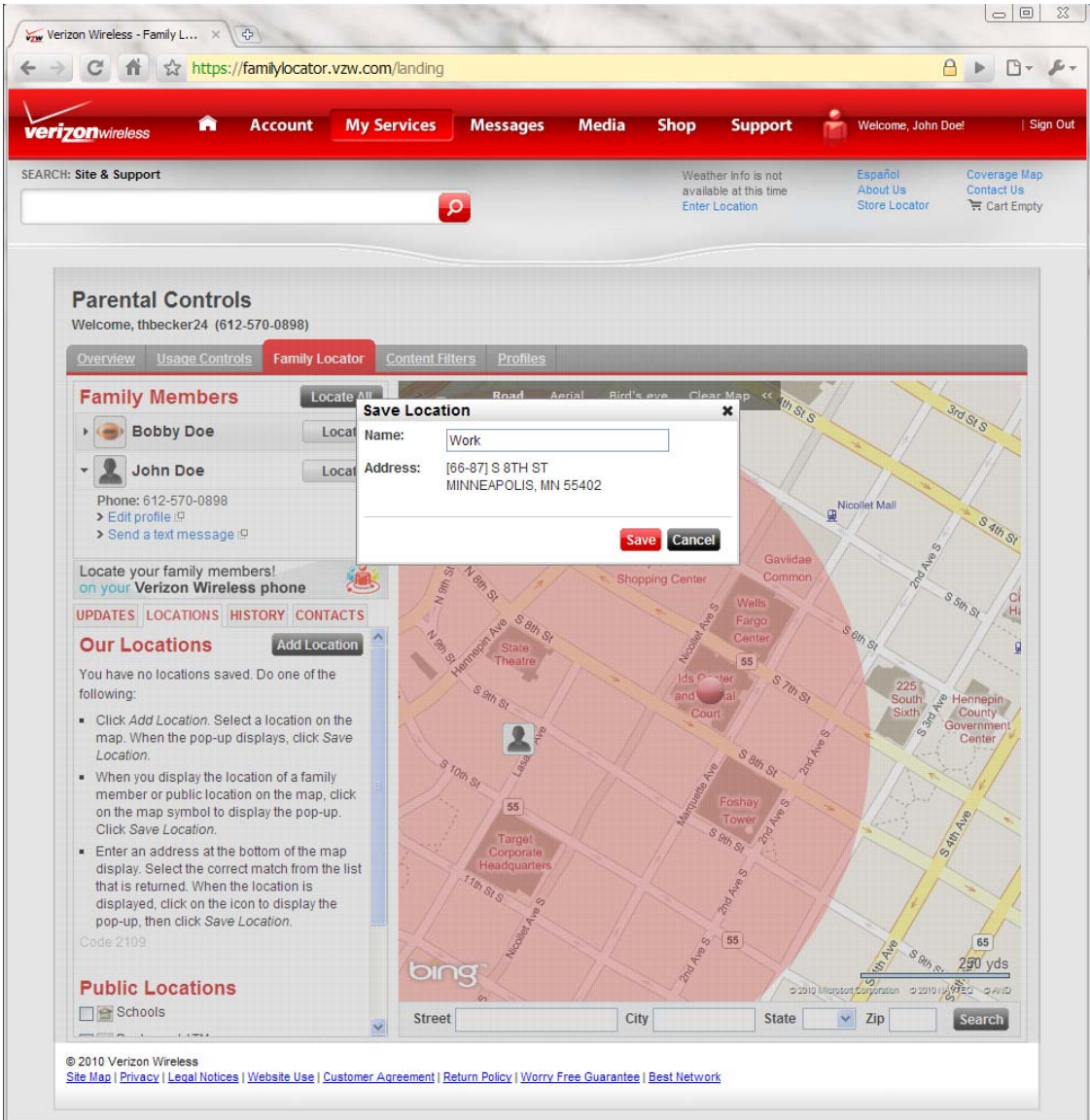
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	Claim	Preliminary Exemplary Infringement Support
1.g cont.		<p>For example, the authorized user can use the "Locations" tab to add notification locations.</p>  <p>The screenshot shows the Verizon Wireless Family Locator interface. The top navigation bar includes links for Account, My Services, Messages, Media, Shop, and Support. The main content area is titled 'Parental Controls' and includes a 'Family Locator' tab. Under 'Family Members', there are buttons to 'Locate' Bobby Doe and John Doe. The 'Our Locations' section provides instructions on how to add locations to the map. The 'Public Locations' section includes a search bar for schools and other public places.</p>

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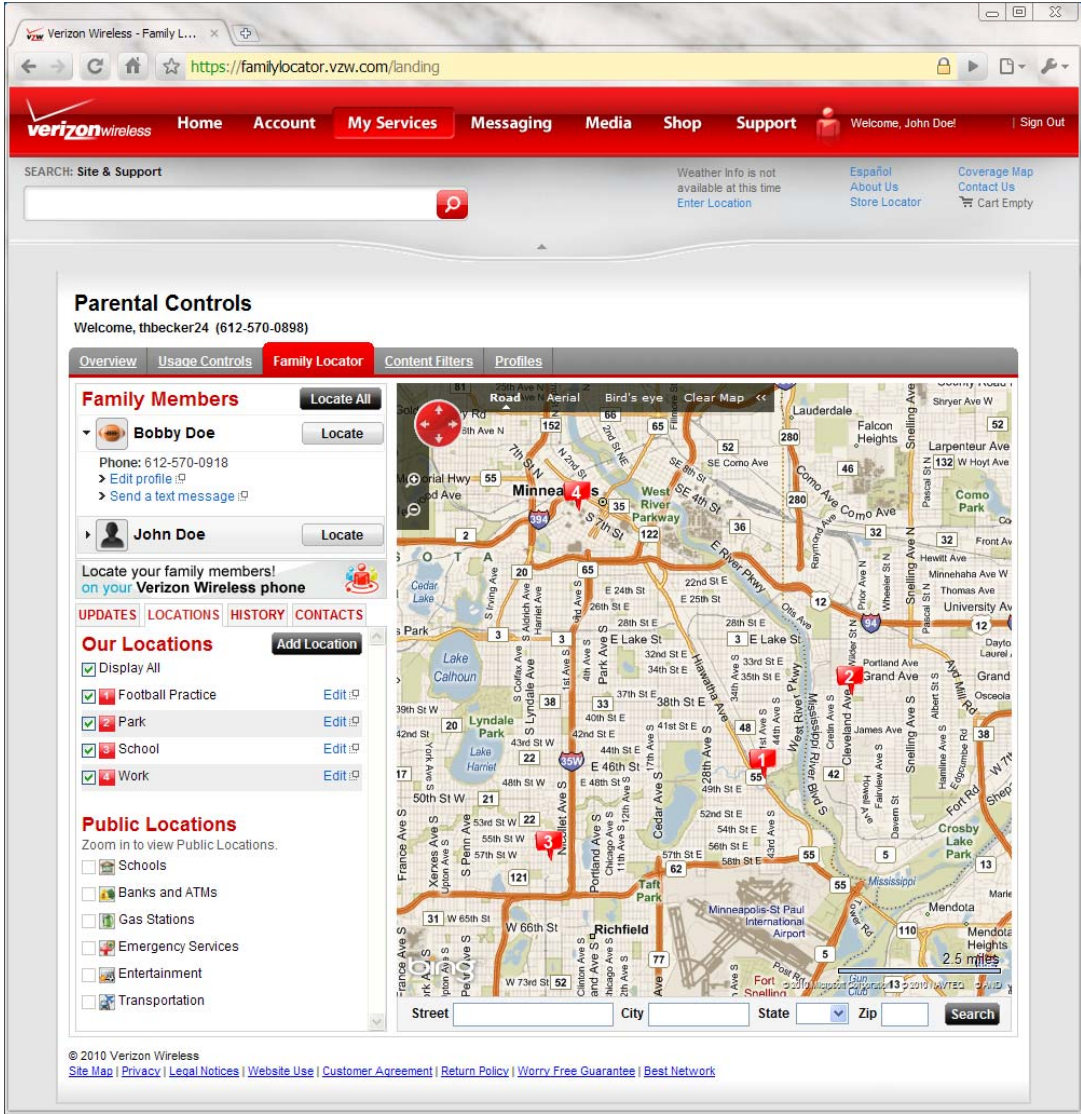
	Claim	Preliminary Exemplary Infringement Support
1.g cont.		<p>By clicking "Add Location", the authorized user can add a location, which gives the resulting address.</p>  <p>The screenshot shows the Verizon Wireless Family Locator interface. At the top, there's a navigation bar with links for Account, My Services, Messages, Media, Shop, and Support. Below this is a search bar and a welcome message for John Doe. The main content area is titled 'Parental Controls' and includes tabs for Overview, Usage Controls, Family Locator, Content Filters, and Profiles. The Family Locator tab is active, showing a list of family members (Bobby Doe and John Doe) with 'Locate' buttons. A 'New Location' pop-up window is displayed over a map of Minneapolis, MN, showing the address [66-87] S 8TH ST, MINNEAPOLIS, MN 55402. The pop-up also includes buttons for 'Move Location', 'Send to VZ Navigator', and 'Save Location'. The map shows various landmarks and streets, with a red pin indicating the selected location. The page footer includes copyright information for 2010 Verizon Wireless and links to Site Map, Privacy, Legal Notices, Website Use, Customer Agreement, Return Policy, Worry Free Guarantee, and Best Network.</p>

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	Claim	Preliminary Exemplary Infringement Support
1.g cont.		<p>Similarly, the authorized user can choose the name of the location.</p> 



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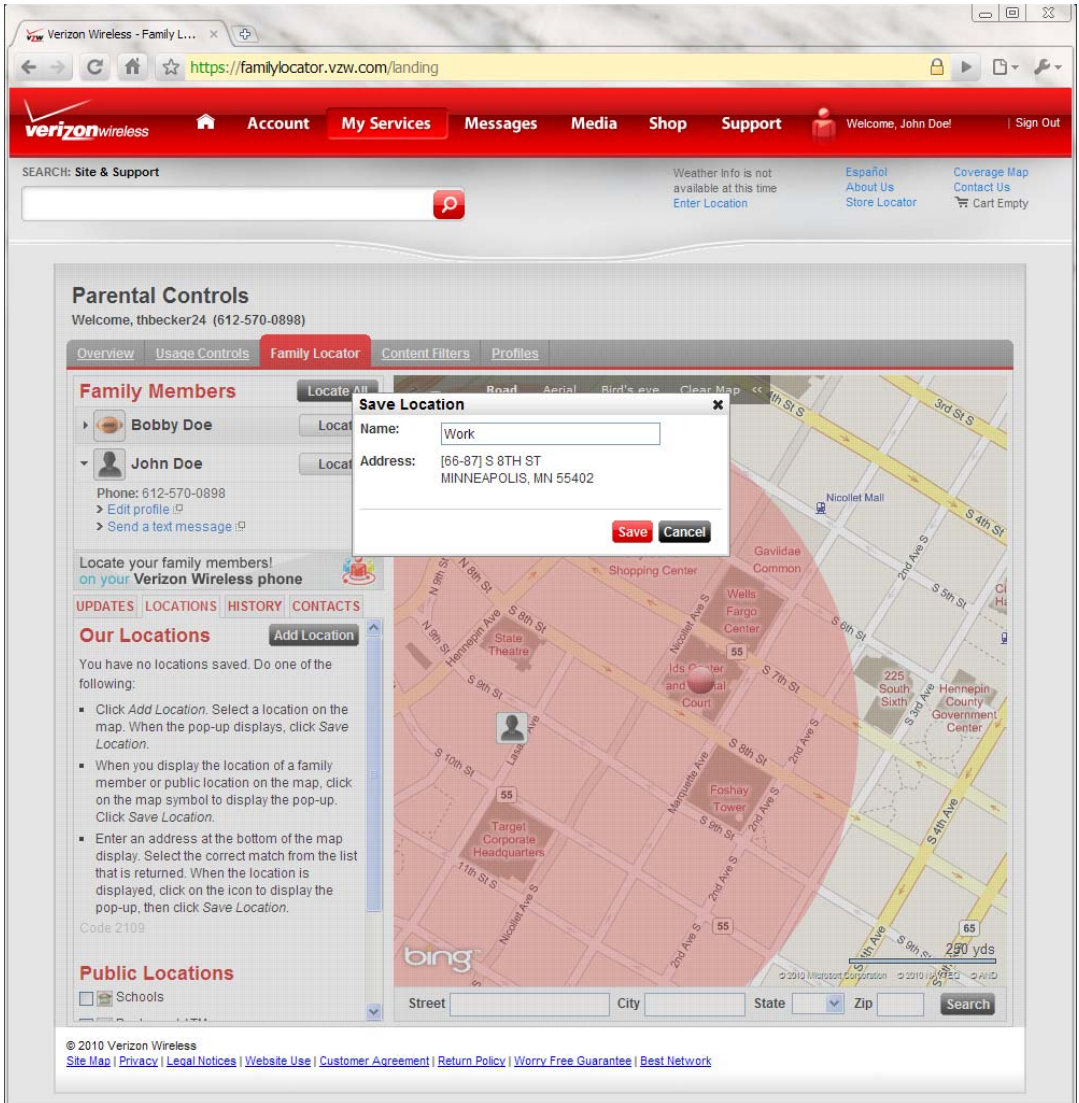
	Claim	Preliminary Exemplary Infringement Support
1.g cont.		<p>The authorized user can set up multiple locations. For example, the authorized user can have notification locations for work, school, the park and football practice.</p>  <p>The screenshot displays the Verizon Wireless Family Locator interface. The top navigation bar includes links for Home, Account, My Services, Messaging, Media, Shop, and Support. The main content area is titled 'Parental Controls' and shows a welcome message for 'thbecker24'. Under the 'Family Locator' tab, there are sections for 'Family Members' (listing Bobby Doe and John Doe), 'Our Locations' (with checkboxes for Display All, Football Practice, Park, School, and Work), and 'Public Locations' (with checkboxes for Schools, Banks and ATMs, Gas Stations, Emergency Services, Entertainment, and Transportation). A map of the Minneapolis area is shown with several red location pins. The bottom of the page includes a copyright notice for 2010 Verizon Wireless and various links like Site Map, Privacy, and Legal Notices.</p>



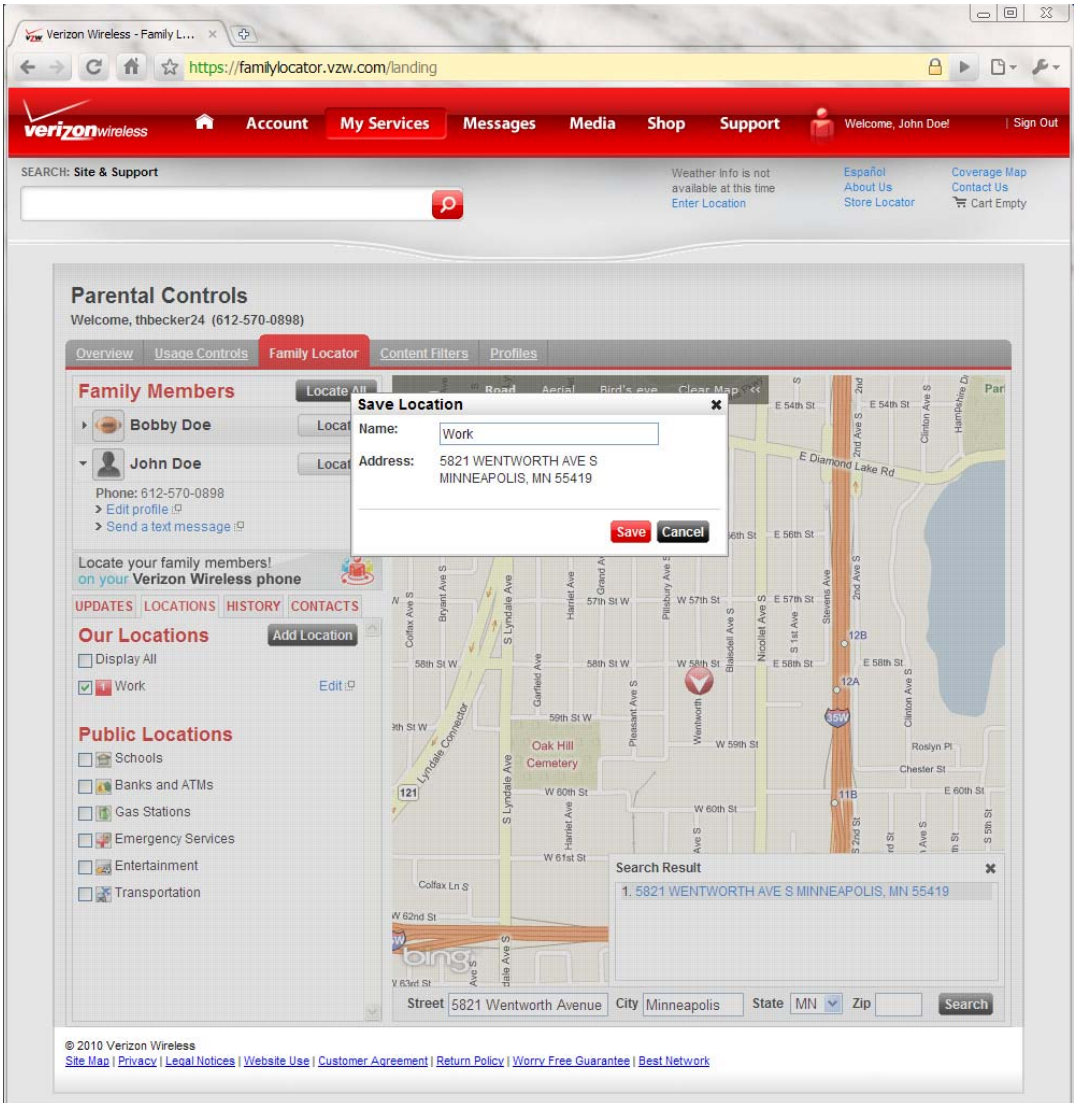
**Exhibit 17**

	<b>Claim</b>	<b>Preliminary Exemplary Infringement Support</b>
1.g.1	wherein the one or more notification locations that have been defined are assigned location labels by the authorized user through interaction with the web server,	As in the example above, the authorized user interacts with a server in order to assign location labels, such as work, school or football practice, to the notification locations.
1.g.2	wherein the location labels assigned by the authorized user are personal to the authorized user and not used with other users, and	Each of the location labels assigned by the authorized user are personal.

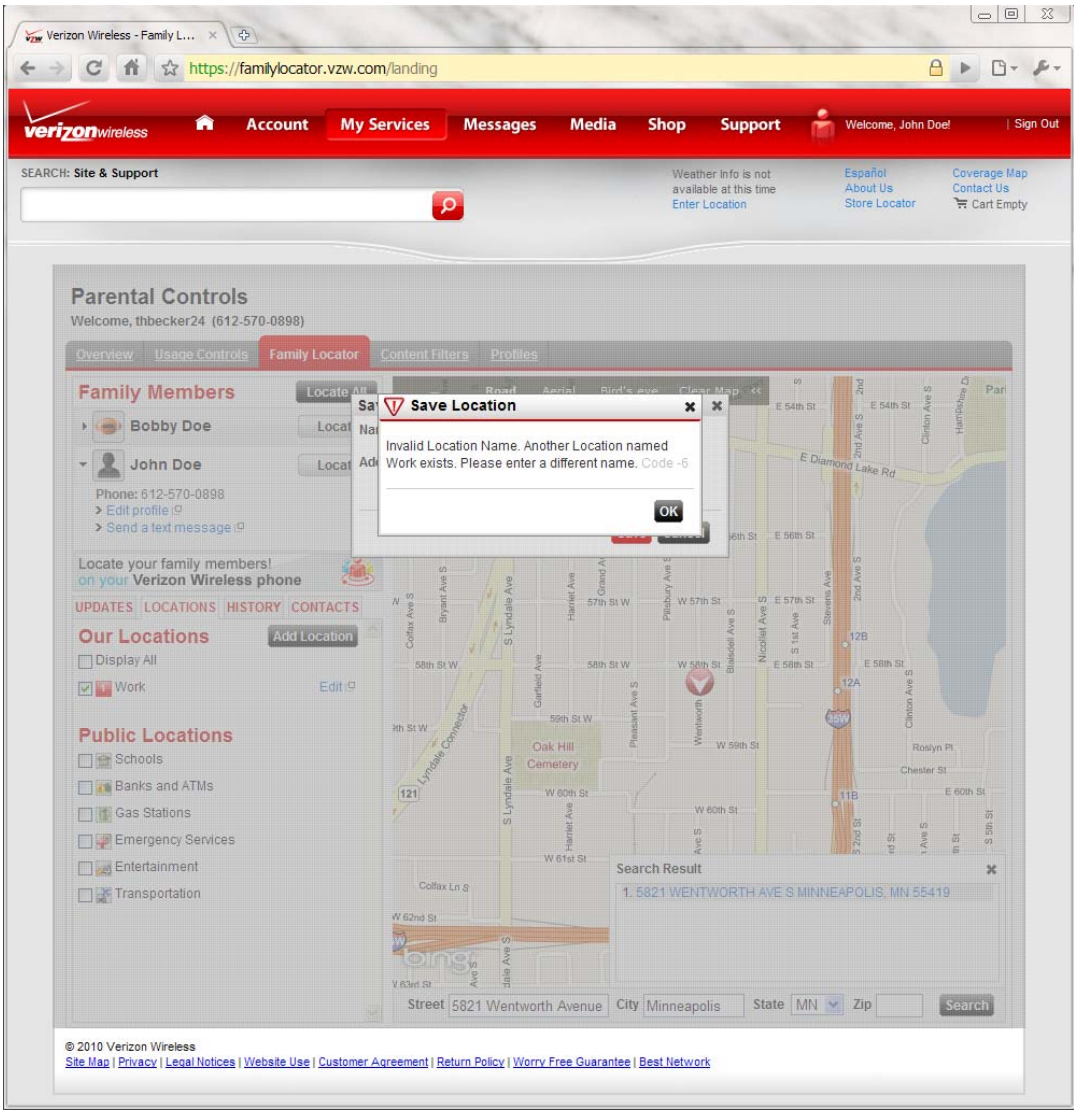
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	Claim	Preliminary Exemplary Infringement Support
1.g.2 cont.		<p>As one example, consider the following scenario. The authorized user first defines a location label called Work.</p>  <p>The screenshot shows a web browser window at <a href="https://familylocator.vzw.com/landing">https://familylocator.vzw.com/landing</a>. The page is titled 'Parental Controls' and welcomes user 'thbecker24 (612-570-0898)'. The 'Family Locator' tab is selected. A 'Save Location' pop-up window is displayed over a map of Minneapolis. The pop-up contains the following text:</p> <p><b>Save Location</b></p> <p>Name: <input type="text" value="Work"/></p> <p>Address: <input type="text" value="[66-87] S 8TH ST MINNEAPOLIS, MN 55402"/></p> <p>Buttons: <b>Save</b> <b>Cancel</b></p> <p>The background map shows various landmarks including Target Corporate Headquarters, Foshay Tower, and Hennepin County Government Center. The map interface includes a search bar at the bottom with fields for Street, City, State, and Zip, and a 'Search' button.</p>

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	Claim	Preliminary Exemplary Infringement Support
1.g.2 cont.		<p>Then the authorized user attempts to define a second location with the same label but for a different address.</p> 

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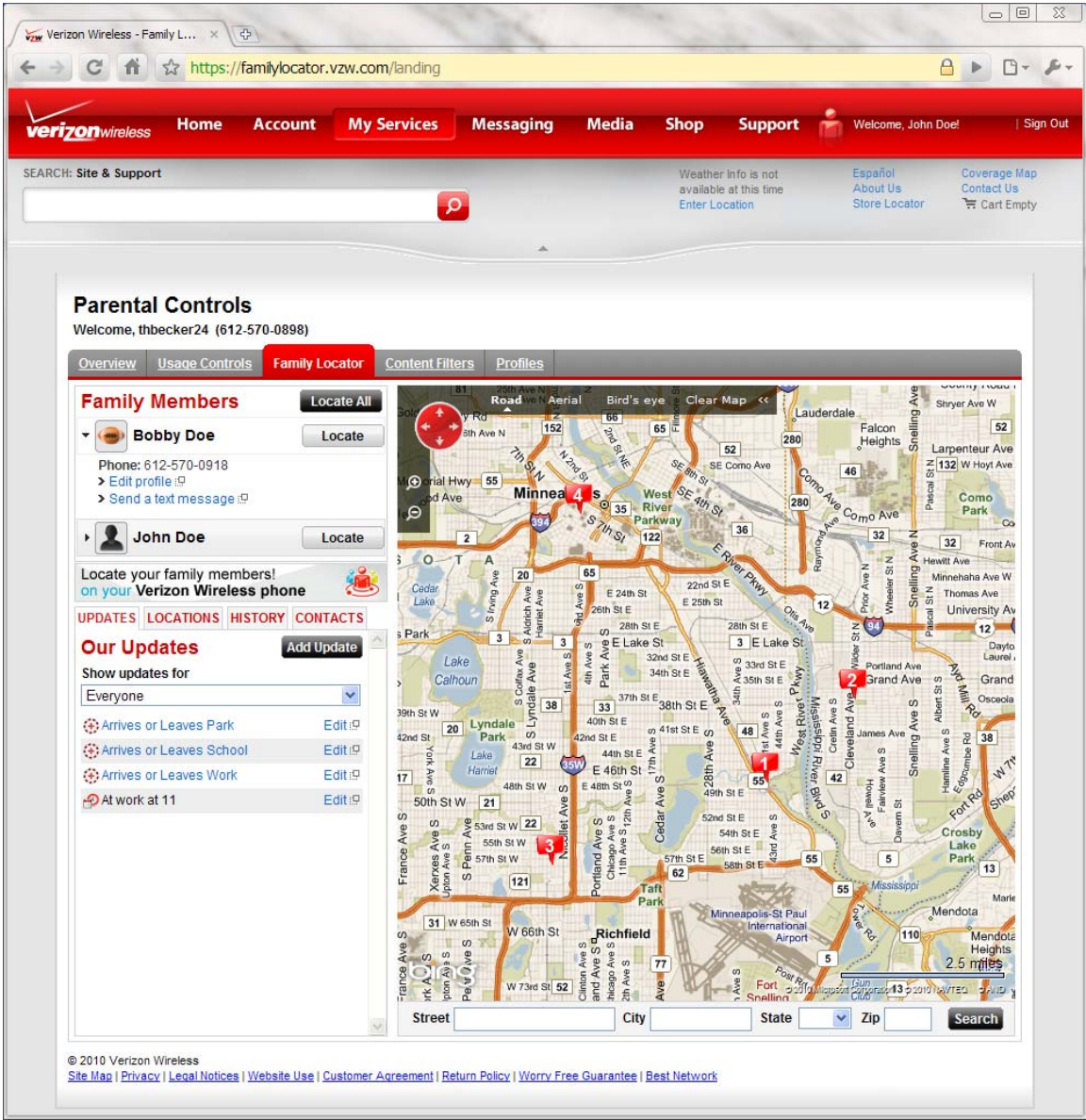
	Claim	Preliminary Exemplary Infringement Support
1.g.2 cont.		<p>The result is an error message.</p>  <p>The screenshot shows the Verizon Wireless Family Locator interface. A modal dialog box titled 'Save Location' is displayed over the map, indicating an error: 'Invalid Location Name. Another Location named Work exists. Please enter a different name. Code -6'. The background interface includes a navigation bar with links like Account, My Services, Messages, Media, Shop, and Support. Below this is a search bar and a 'Parental Controls' section with tabs for Overview, Usage Controls, Family Locator, Content Filters, and Profiles. The Family Locator section shows a list of family members (Bobby Doe, John Doe) and a map with various location markers. A search result for '5821 WENTWORTH AVE S MINNEAPOLIS, MN 55419' is visible at the bottom right of the map area.</p> <p>Thus, an authorized user can not assign the same location label to multiple locations.</p>



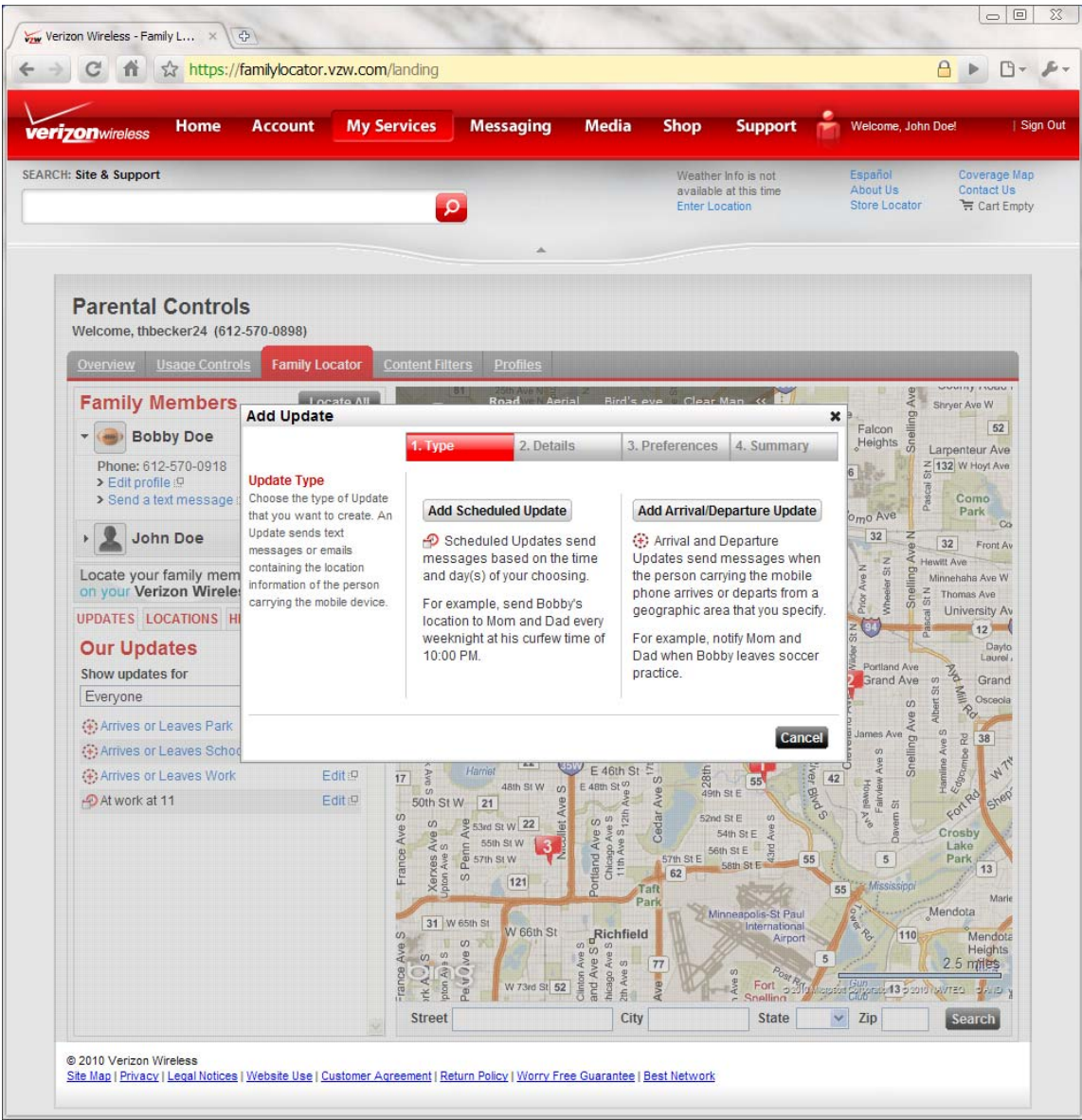
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	<b>Claim</b>	<b>Preliminary Exemplary Infringement Support</b>
1.h	wherein said web server determines whether the location of the mobile computing device corresponding to the object is at one of the one or more notification locations, and generates a notification when it is determined that the location of the mobile computing device is at one of the notification locations, and sends the notification to the authorized user.	Family Locator "Updates" allow a server to determine when to send a notification to an authorized user based on the location of one of the phones.

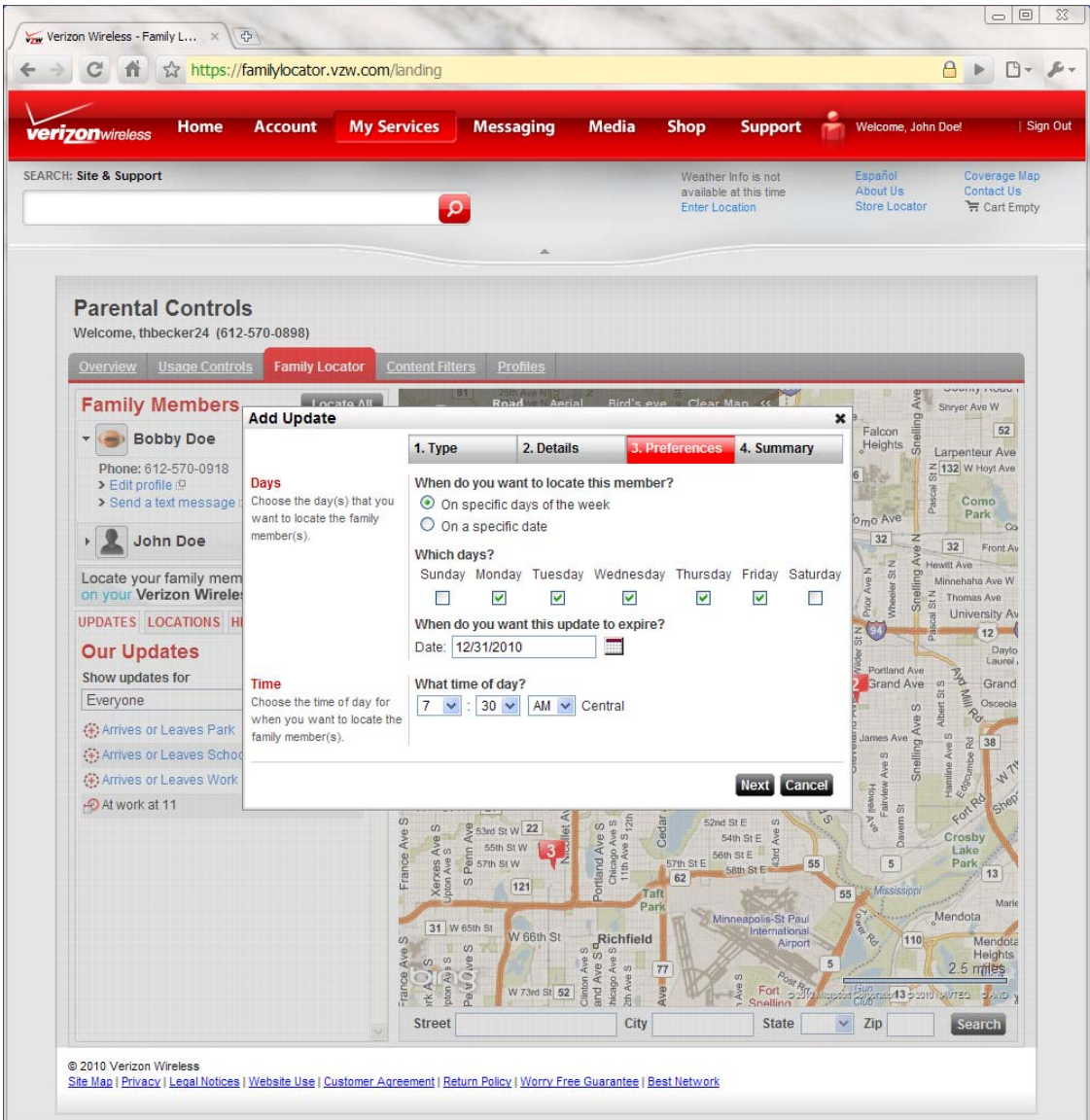
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	Claim	Preliminary Exemplary Infringement Support
1.h cont.		<p>As one example, an authorized user can choose to "Add Update".</p>  <p>The screenshot shows the Verizon Wireless Family Locator website. The browser address bar displays <a href="https://familylocator.vzw.com/landing">https://familylocator.vzw.com/landing</a>. The page features a red navigation bar with links for Home, Account, My Services, Messaging, Media, Shop, and Support. Below the navigation bar is a search bar and a weather status indicator. The main content area is titled 'Parental Controls' and includes a welcome message for 'thbecker24 (612-570-0898)'. The 'Family Locator' tab is selected, showing a map of the Minneapolis area with location pins for Bobby Doe and John Doe. Bobby Doe's location is marked with a red pin near the center of the map, and John Doe's location is marked with a red pin near the bottom right. The left sidebar shows the 'Family Members' list with Bobby Doe and John Doe, and the 'Our Updates' section with a list of updates including 'Arrives or Leaves Park', 'Arrives or Leaves School', and 'At work at 11'. The 'Add Update' button is visible in the 'Our Updates' section.</p>

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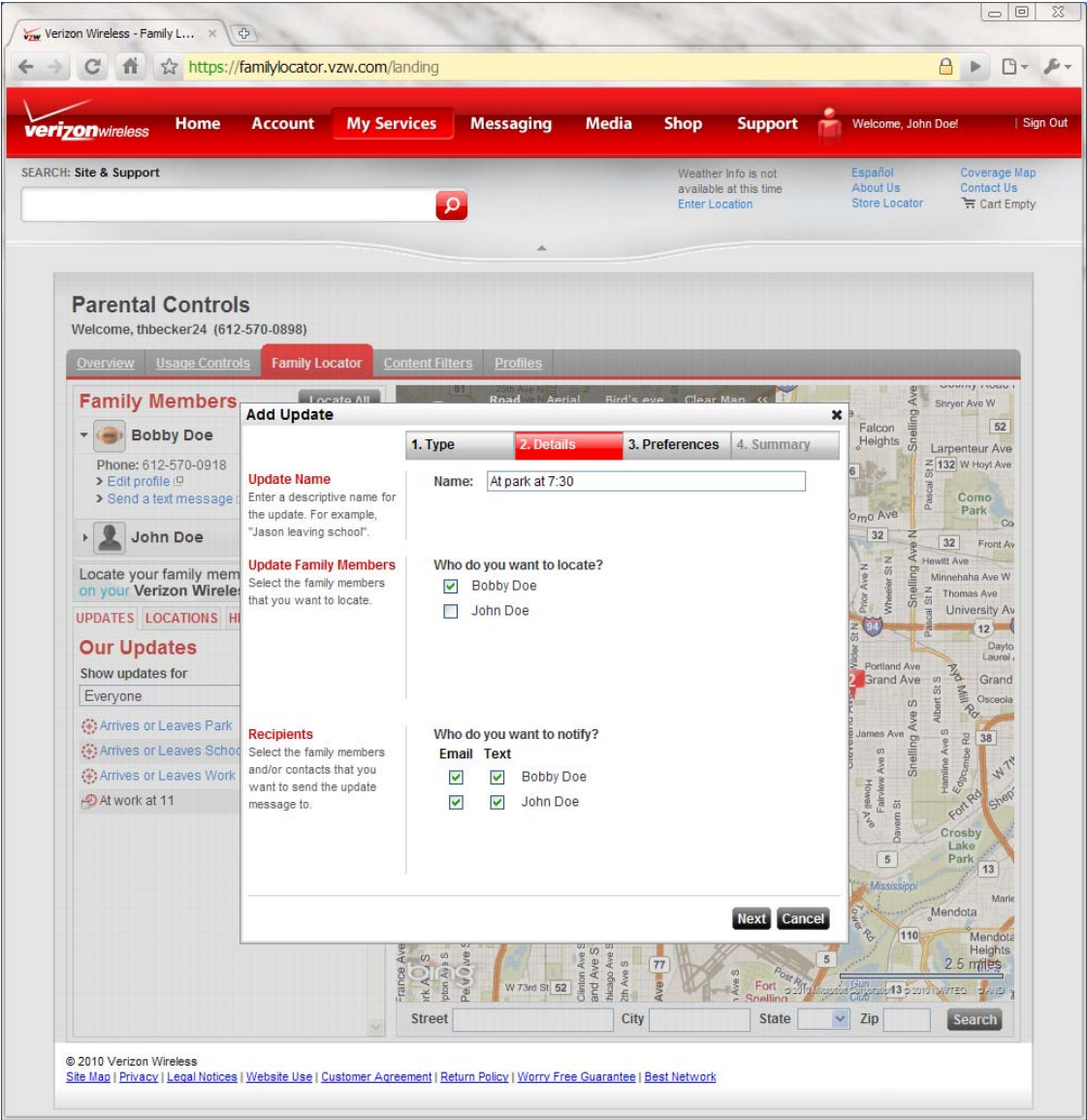
	Claim	Preliminary Exemplary Infringement Support
1.h cont.		<p>The authorized user can choose to add a “Scheduled Update”.</p> 

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	Claim	Preliminary Exemplary Infringement Support
1.h cont.		<p>Parameters are added to set the dates and times when the phone should be at the notification location.</p> 



## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
1.h cont.		<p>The authorized user also selects whether the notification will be sent by text message and/or an email.</p>  <p>The screenshot shows the Verizon Wireless Family Locator website. The main page is titled 'Parental Controls' and includes a 'Family Locator' tab. A 'Family Members' list shows Bobby Doe and John Doe. A 'Add Update' dialog box is open, showing the 'Details' tab. The 'Name' field is set to 'At park at 7:30'. The 'Update Family Members' section shows Bobby Doe and John Doe with checkboxes. The 'Recipients' section shows checkboxes for 'Email' and 'Text' for both Bobby Doe and John Doe. The background shows a map of a city.</p>

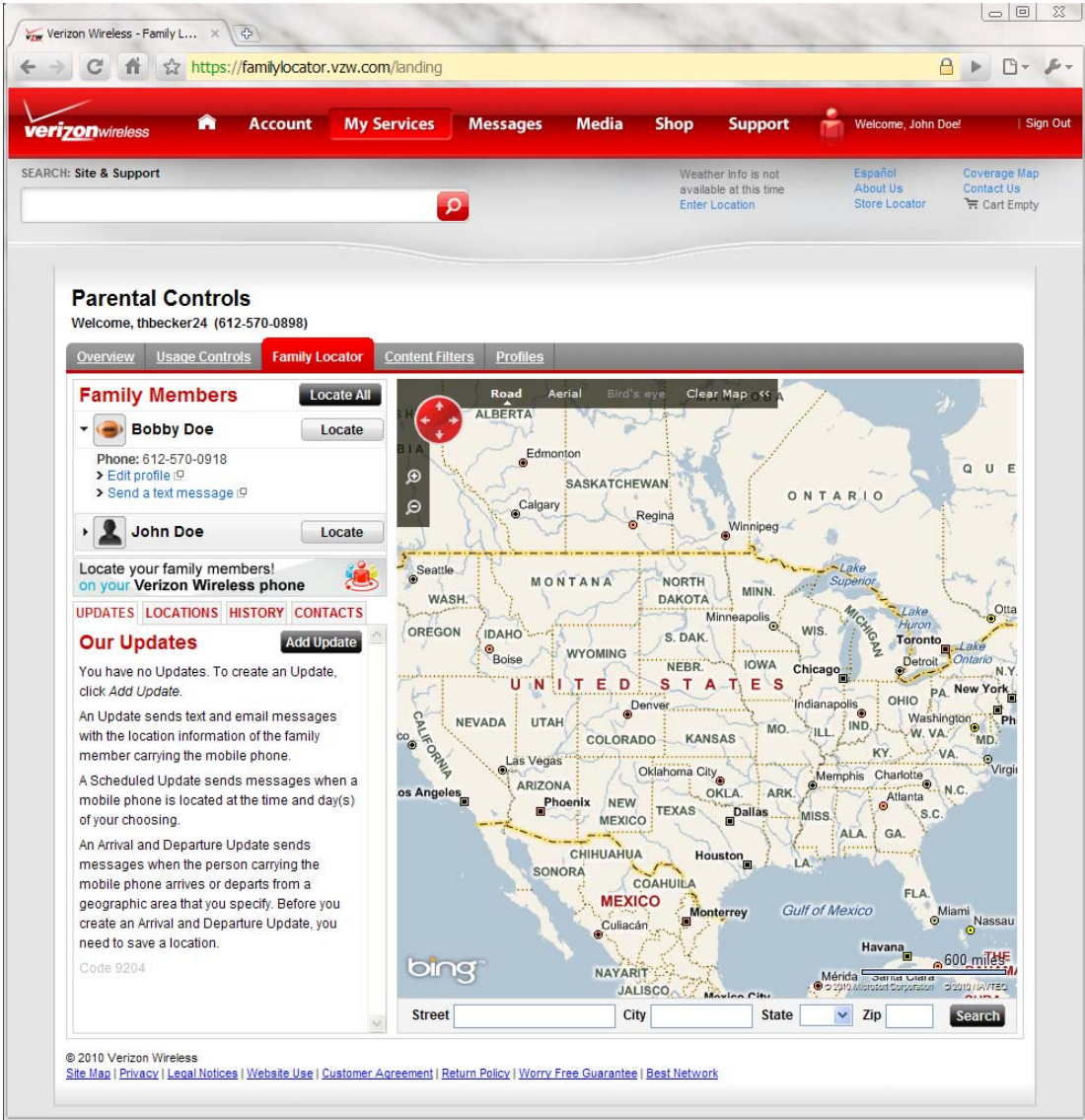
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	<b>Claim</b>	<b>Preliminary Exemplary Infringement Support</b>
1.h cont.		<p>The exemplar resulting notification is then sent. For example, the following email was received from notification@familylocator.vzw.com by the authorized user, based on a previously configured update.</p> <p>"Bobby Doe was near [2000-2059] ST CLAIR AVE ST PAUL, MN 55105 on 07/12/10 at 07:31 AM Central." (E-mail from notification@familylocator.vzw.com to guardianloc@gmail.com (July 12, 2010 at 7:31 AM))</p>
2.	A location monitoring system as recited in claim 1, wherein each of said mobile computing devices operates to obtain location information of its location and to forward the location information to said web server.	For Family Locator to locate a particular phone, as shown in claim 1, the phone operates to determine its location and forward that information to a server.
3	A location monitoring system as recited in claim 1, wherein the object is a person, a vehicle or a package, and	<p>The object is a person. "With Family Locator it's easy to know where your family is. Simply use your mobile device or the Web to view the location of family members with Family Locator-capable devices. Your family members' location information will be displayed on a detailed map."</p> <p>(<a href="http://parentalcontrolcenter/#_self">http://parentalcontrolcenter/#_self</a>)</p>
3.a	wherein the location of each of said mobile computing devices is reacquired based on an attribute related to the corresponding mobile computing device or related to the surroundings of the corresponding mobile computing device.	Via the update procedure outlined above, the location of the device is reacquired based on the surroundings of the device, e.g., whether the device's surroundings correspond with a previously defined notification location.

**Exhibit 17**

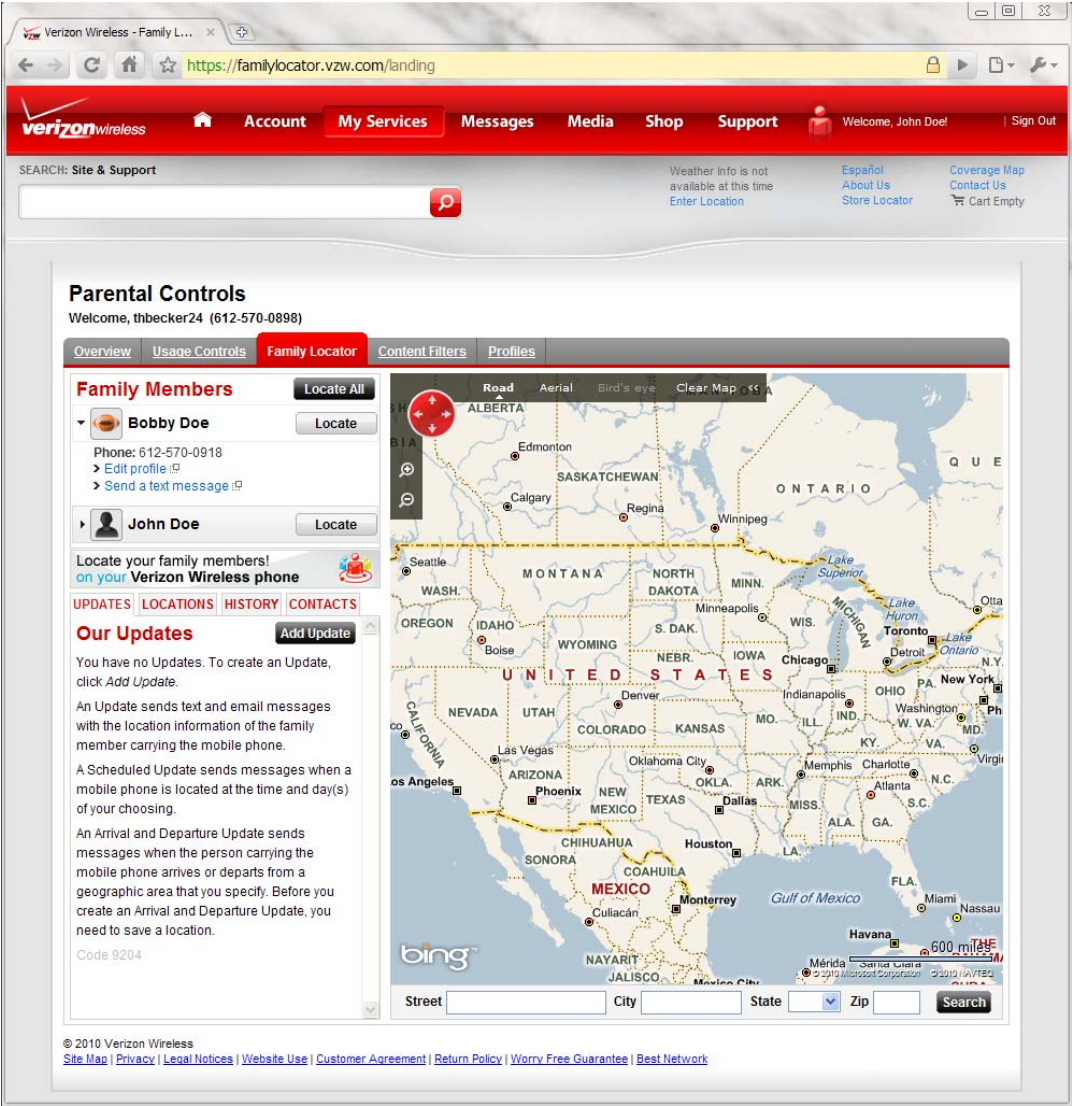
	<b>Claim</b>	<b>Preliminary Exemplary Infringement Support</b>
6.	A method for monitoring position of objects, each object having a mobile computing device provided therewith, the mobile computing devices capable of communicating over a wireless network, said method comprising:	<p>“With Family Locator it’s easy to know where your family is. Simply use your mobile device or the Web to view the location of family members with Family Locator-capable devices. Your family members’ location information will be displayed on a detailed map.”</p> <p><i>(<a href="http://parentalcontrolcenter/#_self">http://parentalcontrolcenter/#_self</a>)</i></p>

## Exhibit 17

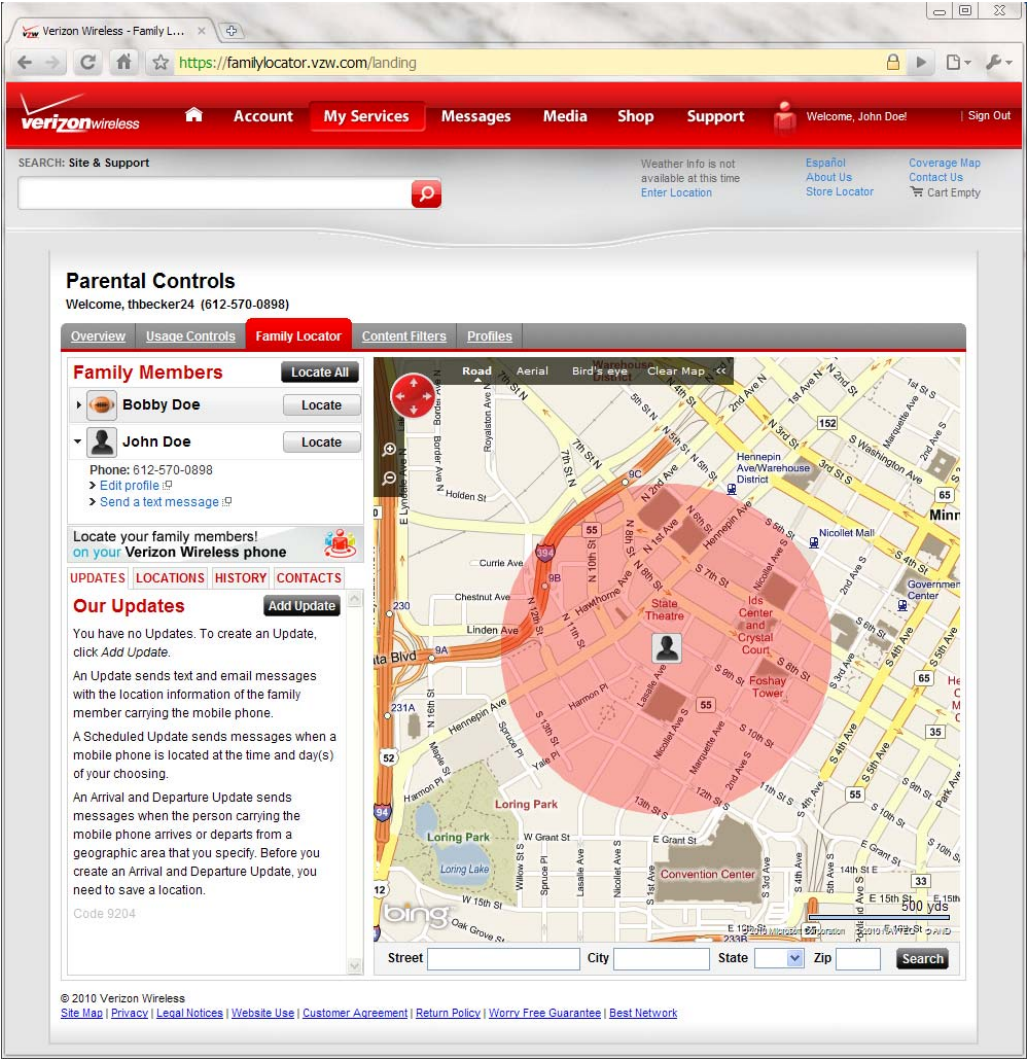
	Claim	Preliminary Exemplary Infringement Support
6.a	receiving a location of an object at a web server through the wireless network, the location being determined using the mobile computing device corresponding to the object; and	<p>Family Locator includes, but is not limited to, a server found at <a href="https://familylocator.vzw.com/landing">https://familylocator.vzw.com/landing</a>.</p> 



## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
6.b	displaying the location of the object to a monitoring party via accessing the web server through the internet,	<p>The monitoring party can access the location of the phones via a server at <a href="https://familylocator.vzw.com/landing">https://familylocator.vzw.com/landing</a>.</p>  <p>The screenshot shows the Verizon Wireless Family Locator website. The page has a red header with the Verizon logo and navigation links: Account, My Services, Messages, Media, Shop, and Support. A search bar is present with the text 'SEARCH: Site &amp; Support'. Below the header, there's a section titled 'Parental Controls' with a welcome message 'Welcome, thbecker24 (612-570-0898)'. The main content area is divided into two columns. The left column lists 'Family Members' with entries for Bobby Doe and John Doe, each with a 'Locate' button. Below this is a section titled 'Our Updates' with instructions on how to use updates. The right column features a large map of the United States with a red location pin. At the bottom of the page, there's a footer with copyright information and links to Site Map, Privacy, Legal Notices, Website Use, Customer Agreement, Return Policy, Worry Free Guarantee, and Best Network.</p>

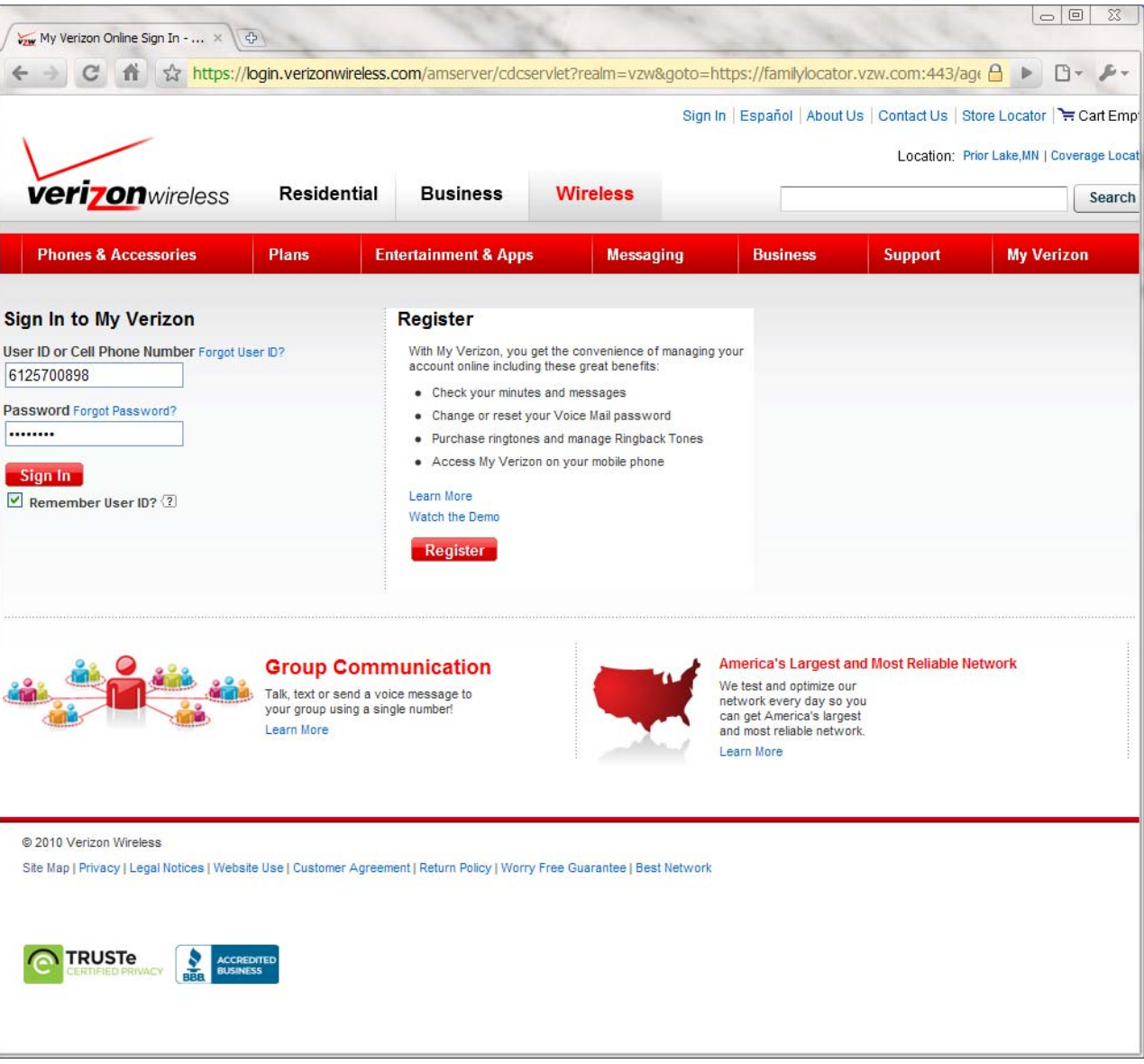
## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
6.b cont.		<p>As one example, the monitoring party can click on the "Locate" icon shown above to find the location of any of the phones. In response, a server provides the monitoring party with the location, as shown below.</p>  <p>The screenshot displays the Verizon Wireless Family Locator interface. The top navigation bar includes links for Account, My Services, Messages, Media, Shop, and Support. A search bar is present with the text "SEARCH: Site &amp; Support". The main content area is titled "Parental Controls" and includes a welcome message for "thbecker24 (612-570-0898)". The "Family Locator" tab is selected, showing a list of family members: Bobby Doe and John Doe, each with a "Locate" button. A map of Minneapolis is shown with a red location pin. The sidebar on the left contains sections for "Our Updates" and "Add Update".</p>

**Exhibit 17**

	<b>Claim</b>	<b>Preliminary Exemplary Infringement Support</b>
6.c	wherein the monitoring party does not have to be proximate to the object,	<p>The monitoring party does not have to be near the people or phones they are locating. Instead, “[l]ocate your children by their LBS-enabled wireless devices and get real-time updates right on your PC or Verizon Wireless device ... You’ll get the added peace of mind of knowing that you’re never out of touch with your family.” (<i>Samsung Reality User Guide</i>, page 83)</p> <p>“Family Locator, formerly known as Chaperone, provides a convenient and valuable service to help you securely determine the location of your family members’ cell phones from the Family Locator website or the Family Locator Mobile Web Site on your cell phone ...” (<a href="http://support.vzw.com/faqs/Features_and_Optional_Services/family_locator.html">http://support.vzw.com/faqs/Features and Optional Services/family_locator.html</a>)</p>
6.d	wherein before the location is displayed to the monitoring party, the monitoring party has to be authorized,	The monitoring party is authorized by logging into Family Locator.

## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
6.d cont.		



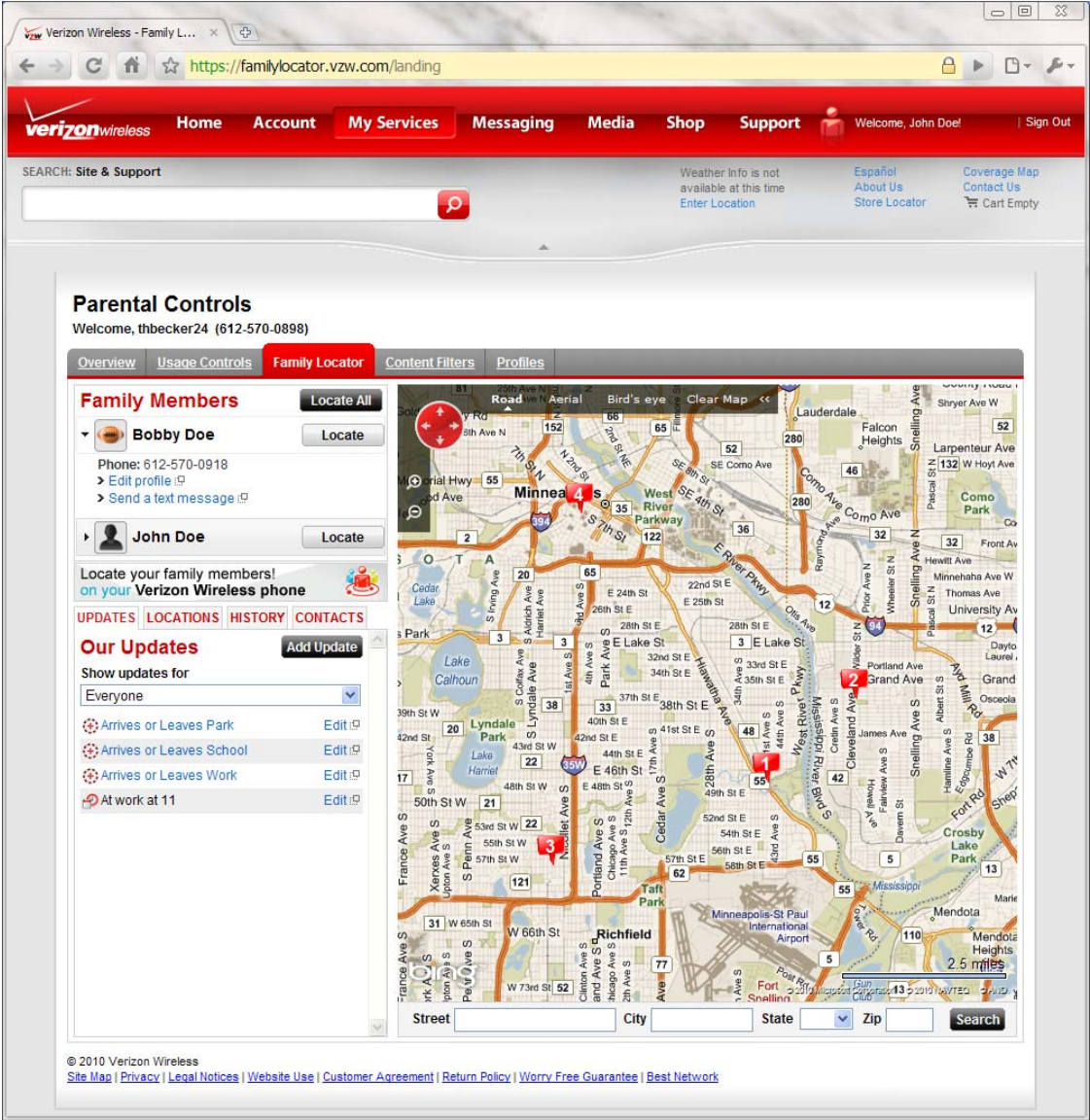
**Exhibit 17**

	<b>Claim</b>	<b>Preliminary Exemplary Infringement Support</b>
6.e	wherein, for privacy reasons, access to locations of each of the mobile computing devices is controlled by the owner or user of the corresponding mobile computing device,	<p>Access to locations is controlled by the owner of the mobile phone.</p> <p><b>“How do I manage my privacy settings?”</b>  Select whether or not your family members should be asked for their permission to be located. Navigate to your profile to manage your privacy settings:</p> <ol style="list-style-type: none"> <li>3. Select the Profile link below the Family Members names in the top left of the screen.</li> <li>4. Press on the appropriate Family Member’s Button to make the “Profile” link reveal itself for that particular Locatee.</li> </ol> <p>Privacy settings allow you to manage your family members control over how Family Locator can share their location. Choose from 2 options:</p> <ol style="list-style-type: none"> <li>4. Always Share My Location With Family - Means that your requests for location or the creation of an Arrival &amp; Departure Update will automatically be allowed for that Locatee.</li> <li>5. Ask Before Sharing My Location With Family - Means that the locatee phone must first accept any Location or New Arrival &amp; Departure Update request.</li> <li>6. Select the appropriate button under Privacy Settings. Click on Save. The setting is now assigned to the Family Member’s cell phone.” (<a href="http://support.vzw.com/clc/faqs/Features and Optional Services/family_locator.html">http://support.vzw.com/clc/faqs/Features and Optional Services/family_locator.html</a>)</li> </ol> <p><b>“What can cause a delay in receiving a Location Update or no Update once my Family Member has left a Location?”</b>  Most often the phone has been turned off or is in on a call both of which prevent completion of location requests. Location information presented could also be delayed, inaccurate, interrupted or disrupted due to many factors such as atmospheric, environmental and geographic conditions, satellite location or other factors associated with use of satellites and satellite data, cell site location and information or other network conditions. Try to locate the cell phone again, it should provide the same or similar location to one of the earlier attempts. If you are unsure about your Family Member’s location, you should place a call directly to the cell phone to contact your Family Member.” (<a href="http://support.vzw.com/clc/faqs/Features and Optional Services/family_locator.html">http://support.vzw.com/clc/faqs/Features and Optional Services/family_locator.html</a>)</p> <p><b>“Can anyone else track my Family Member’s phone? How secure is the service?”</b></p>

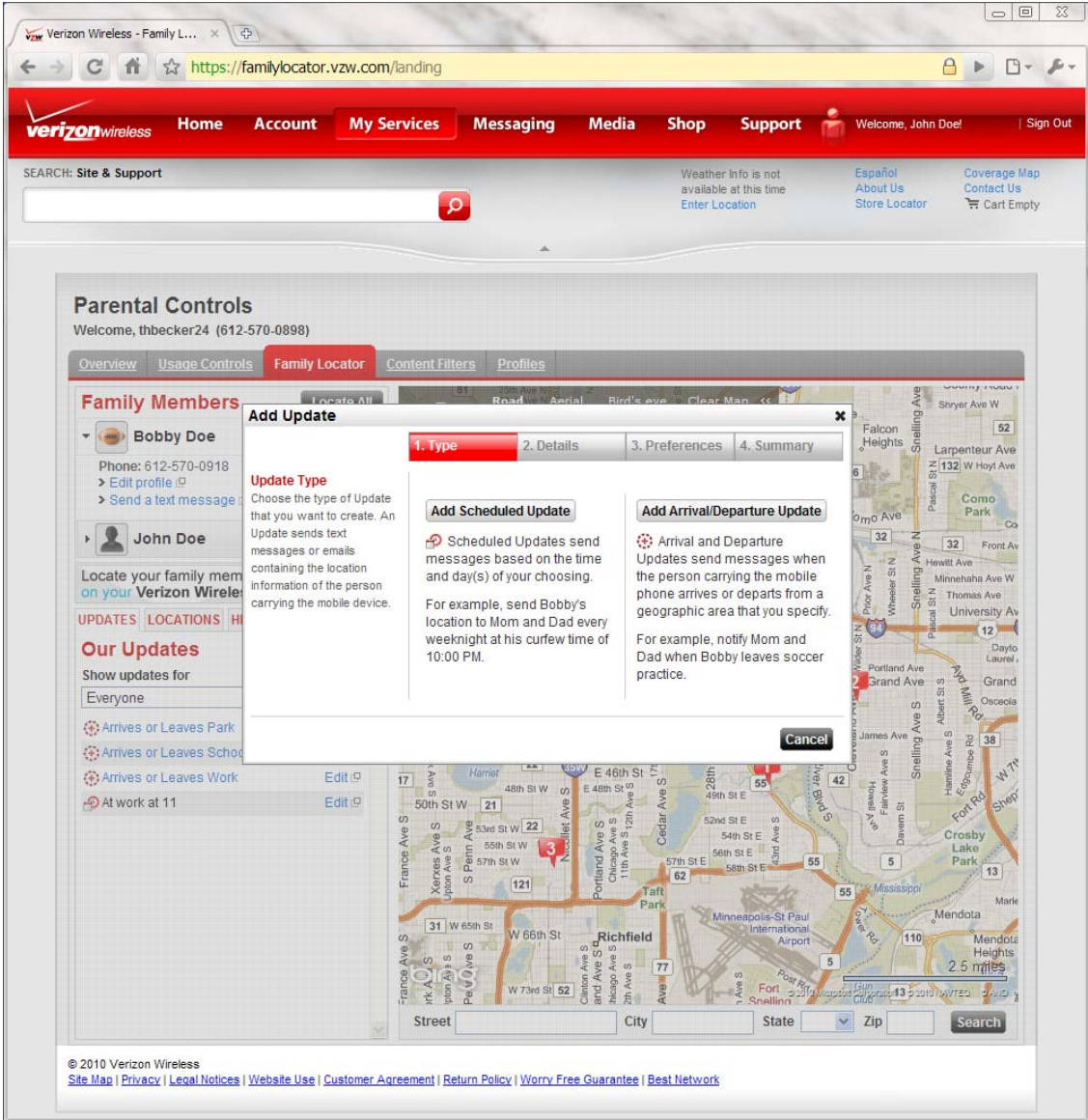
**Exhibit 17**

	<b>Claim</b>	<b>Preliminary Exemplary Infringement Support</b>
		<p>The account owner with access to account information and the other family members designated as 'Locators', will be able to access the Family Locator account, view location information and set up Locations for Updates to be sent to other individuals that they designate. The location information is only viewable through the Internet on a cell phone or PC. Locations can only be accessed by entering your account information including your password. It is very important that you keep this information private and not disclose your account information and/or password to others."  (<a href="http://support.vzw.com/faqs/Features_and_Optional_Services/family_locator.html">http://support.vzw.com/faqs/Features and Optional Services/family_locator.html</a>)</p> <p>"Getting started with Location-Based Services (LBS)  Verizon Wireless values your privacy. Because of this, your wireless device is defaulted to only acquire your location when you dial 911. To use Location-Based Services, you must first enable location services on your wireless device." (<i>Samsung Reality User Guide</i>, page 82)</p>
6.f	wherein the web server determines whether a notification is to be sent to an authorized party based on the location of the mobile computing device corresponding to the object,	Family Locator "Updates" allow a server to determine whether to send a notification to an authorized party based on the location of one of the phones.

## Exhibit 17

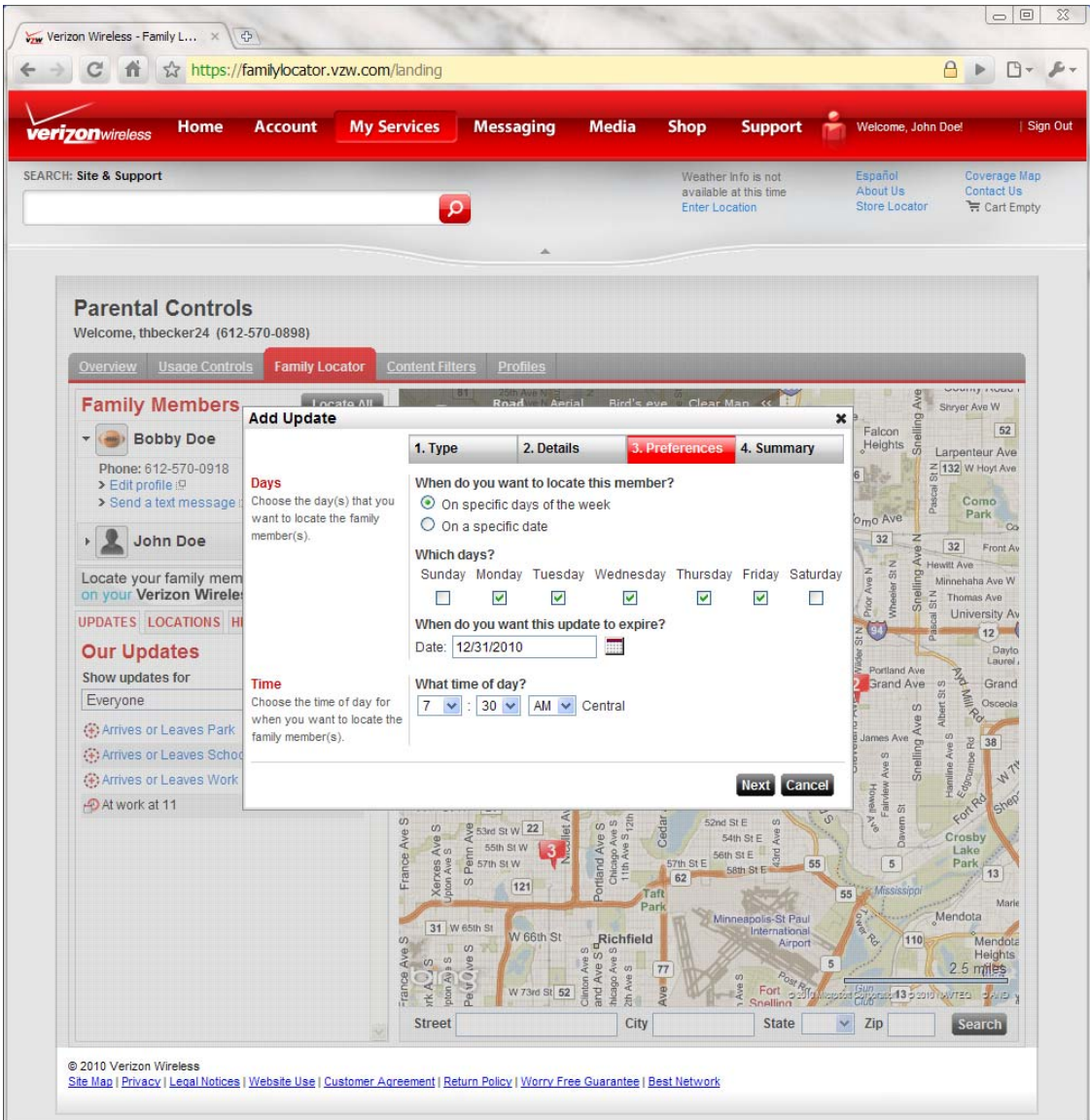
	Claim	Preliminary Exemplary Infringement Support
6.f cont.		<p>As one example, an authorized party can choose to "Add Update".</p>  <p>The screenshot shows the Verizon Wireless Family Locator website. The page is titled "Parental Controls" and includes a welcome message for "thbecker24 (612-570-0898)". The navigation bar includes links for Overview, Usage Controls, Family Locator, Content Filters, and Profiles. The "Family Members" section lists Bobby Doe and John Doe, each with a "Locate" button. The "Our Updates" section shows a list of updates for Bobby Doe, including "Arrives or Leaves Park", "Arrives or Leaves School", "Arrives or Leaves Work", and "At work at 11". The "Add Update" button is visible next to the "At work at 11" update. The map shows the location of Bobby Doe and John Doe in Minneapolis.</p>

## Exhibit 17

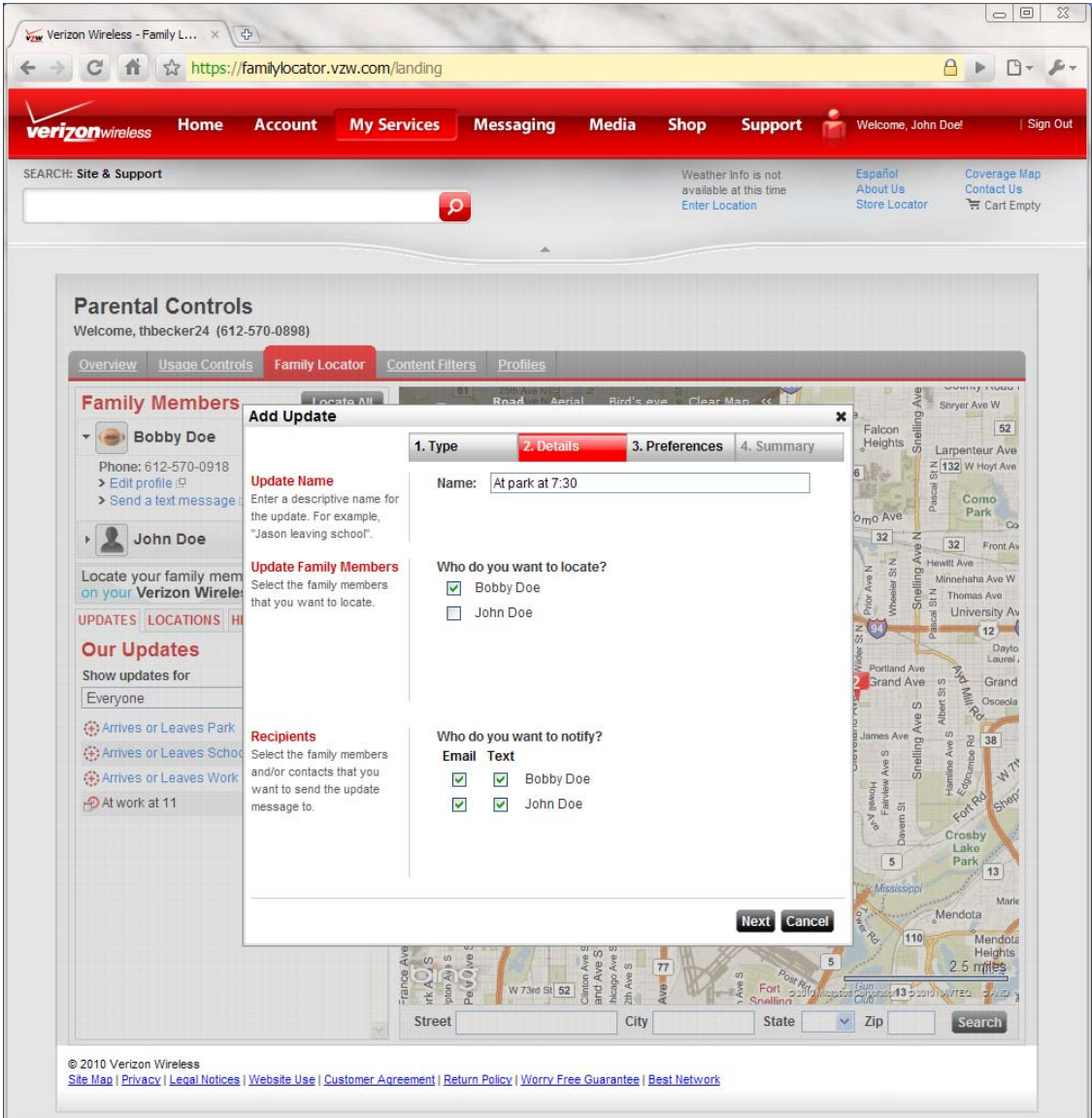
	Claim	Preliminary Exemplary Infringement Support
6.f cont.		<p>One type of update that can be chosen is to “Add Scheduled Update”.</p> 



## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
6.f cont.		<p>Parameters are added to set the dates and times when the phone should be at the notification location.</p>  <p>The screenshot displays the Verizon Wireless Family Locator interface. A 'Parental Controls' window is open, showing a list of family members: Bobby Doe and John Doe. Bobby Doe's profile is selected, and the 'Add Update' dialog box is open. The dialog box has four tabs: '1. Type', '2. Details', '3. Preferences', and '4. Summary'. The '1. Type' tab is active, showing options for 'Days' and 'Time'. Under 'Days', the user is prompted to 'Choose the day(s) that you want to locate the family member(s)'. The 'When do you want to locate this member?' section has two radio buttons: 'On specific days of the week' (selected) and 'On a specific date'. Below this, the 'Which days?' section shows checkboxes for Sunday through Saturday, with Monday through Friday checked. The 'When do you want this update to expire?' section shows a date of 12/31/2010. The 'Time' section shows a time of 7:30 AM Central. The background shows a map of the Richfield area.</p>

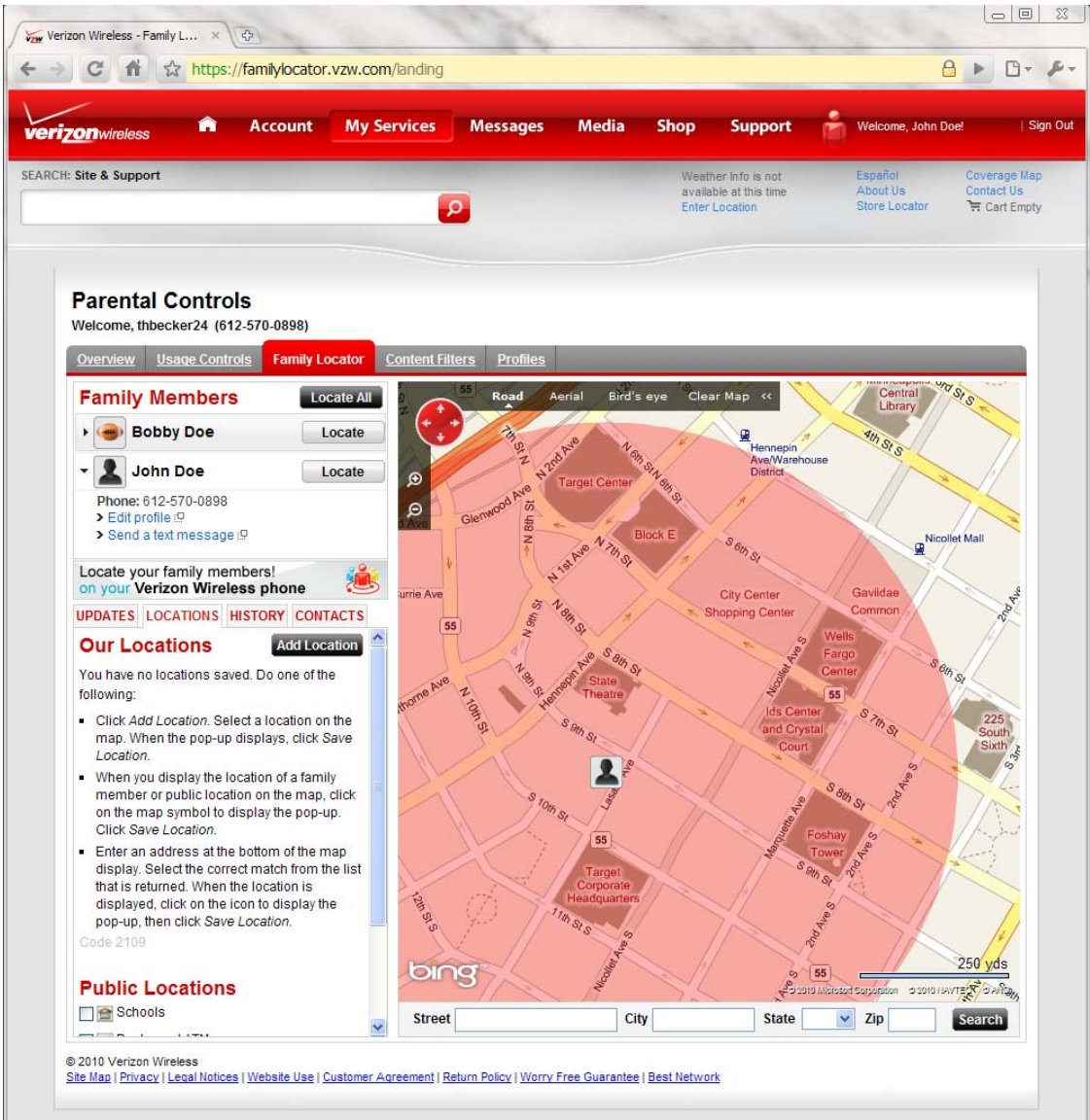
## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
6.f cont.		<p>The authorized party also selects whether the notification will be sent by text message and/or an email.</p>  <p>The screenshot displays the Verizon Wireless Family Locator website. A modal window titled "Add Update" is open, showing the "Details" tab. The "Name" field is populated with "At park at 7:30". Under "Update Family Members", Bobby Doe is selected. Under "Recipients", both Bobby Doe and John Doe are selected for notification via both Email and Text. The background shows the "Parental Controls" interface with a map of a city area.</p>

**Exhibit 17**

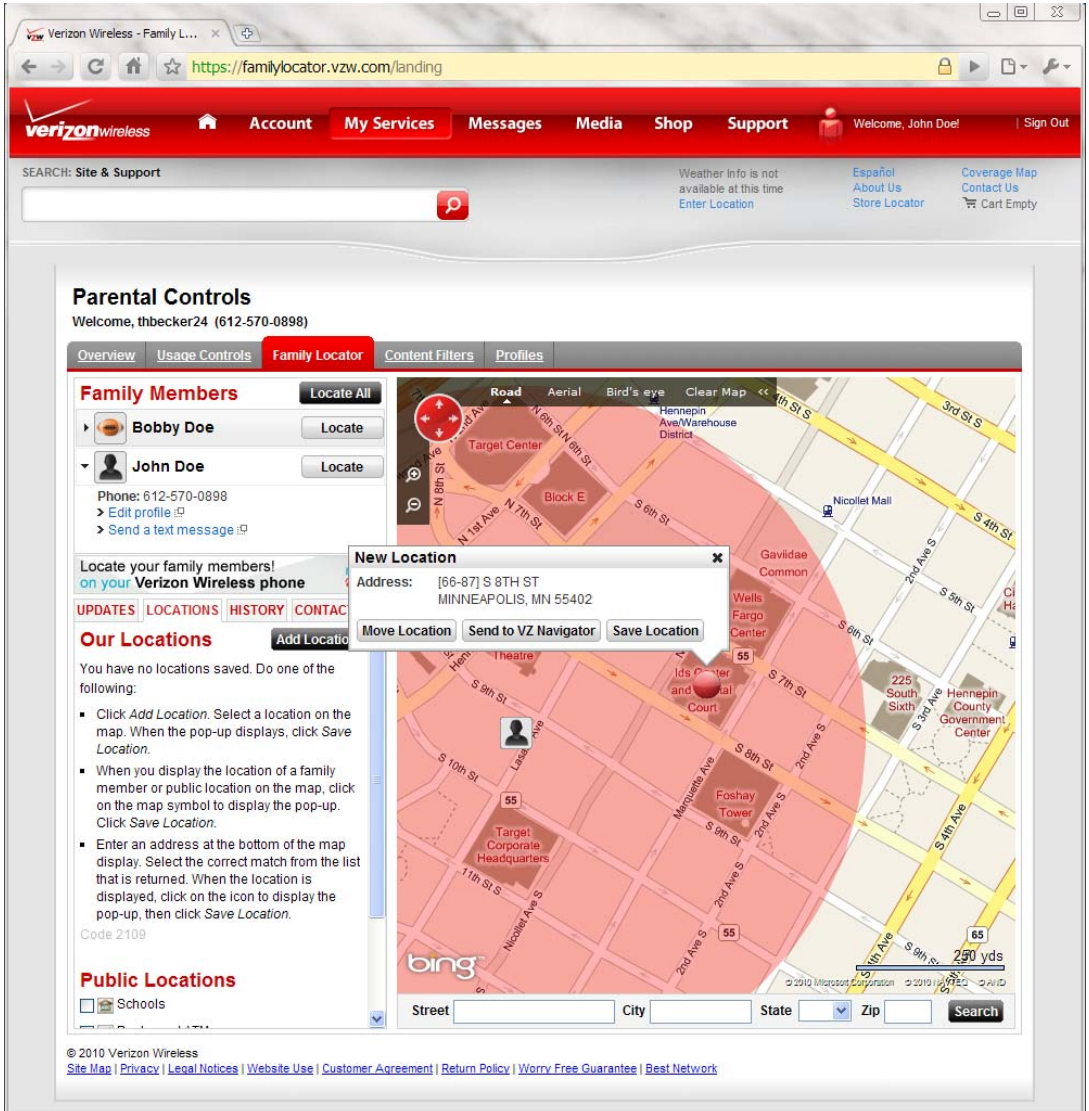
	<b>Claim</b>	<b>Preliminary Exemplary Infringement Support</b>
6.g	wherein said web server sends a notification to the authorized party when it has been determined that a notification is to be sent to the authorized party,	<p>The update procedure above outlines the procedure by which a server determines whether a notification is to be sent to the authorized party.</p> <p>That example notification is then sent. For example, the following email was received from notification@familylocator.vzw.com by the authorized party, based on a previously configured update.</p> <p>"Bobby Doe was near [2000-2059] ST CLAIR AVE ST PAUL, MN 55105on 07/12/10 at 07:31 AM Central." (E-mail from notification@familylocator.vzw.com to guardianloc@gmail.com (July 12, 2010 at 7:31 AM))</p>
6.h	wherein one or more notification locations are defined by the monitoring party through interaction with the web server, and wherein the one or more notification locations that have been defined are assigned location labels by the monitoring party through interaction with the web server, and	<p>As in the example above, the monitoring party assigns location labels, such as work, school, park or football practice, to the notification locations.</p> <p>The monitoring party defines notification locations by interaction with a server.</p>

## Exhibit 17

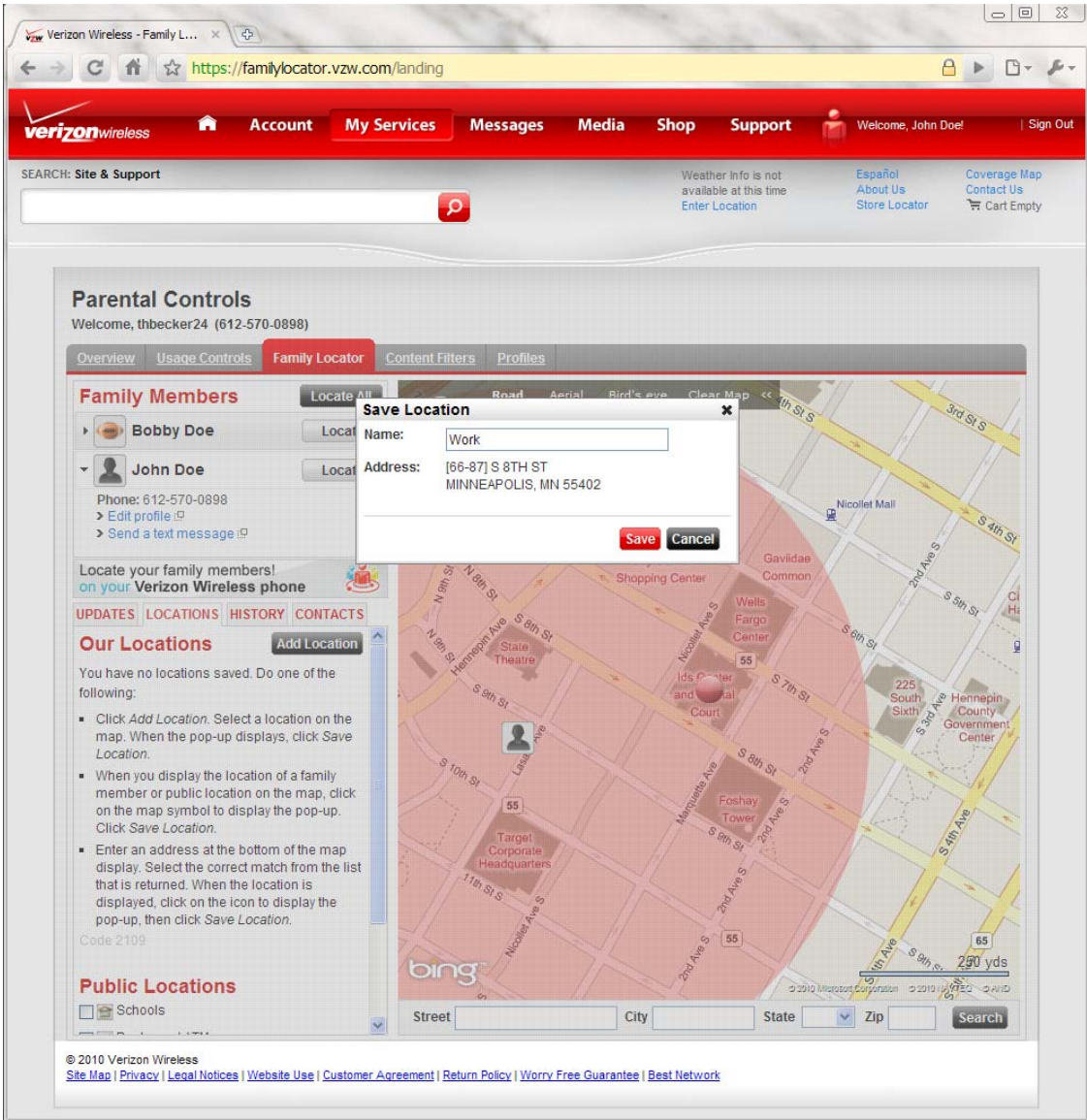
	Claim	Preliminary Exemplary Infringement Support
6.h cont.		<p>For example, the monitoring party can use the "Locations" tab to add notification locations.</p>  <p>The screenshot shows the Verizon Wireless Family Locator website. The top navigation bar includes links for Account, My Services, Messages, Media, Shop, and Support. The main content area is titled 'Parental Controls' and features a 'Family Locator' tab. Under 'Family Members', there are two entries: Bobby Doe and John Doe, each with a 'Locate' button. Below this, there is a section for 'Our Locations' with instructions on how to add locations. The right side of the page displays a map of downtown Minneapolis with various landmarks labeled, including Target Center, Block E, City Center Shopping Center, Wells Fargo Center, and Foshay Tower. The bottom of the page includes a search bar and copyright information for 2010 Verizon Wireless.</p>



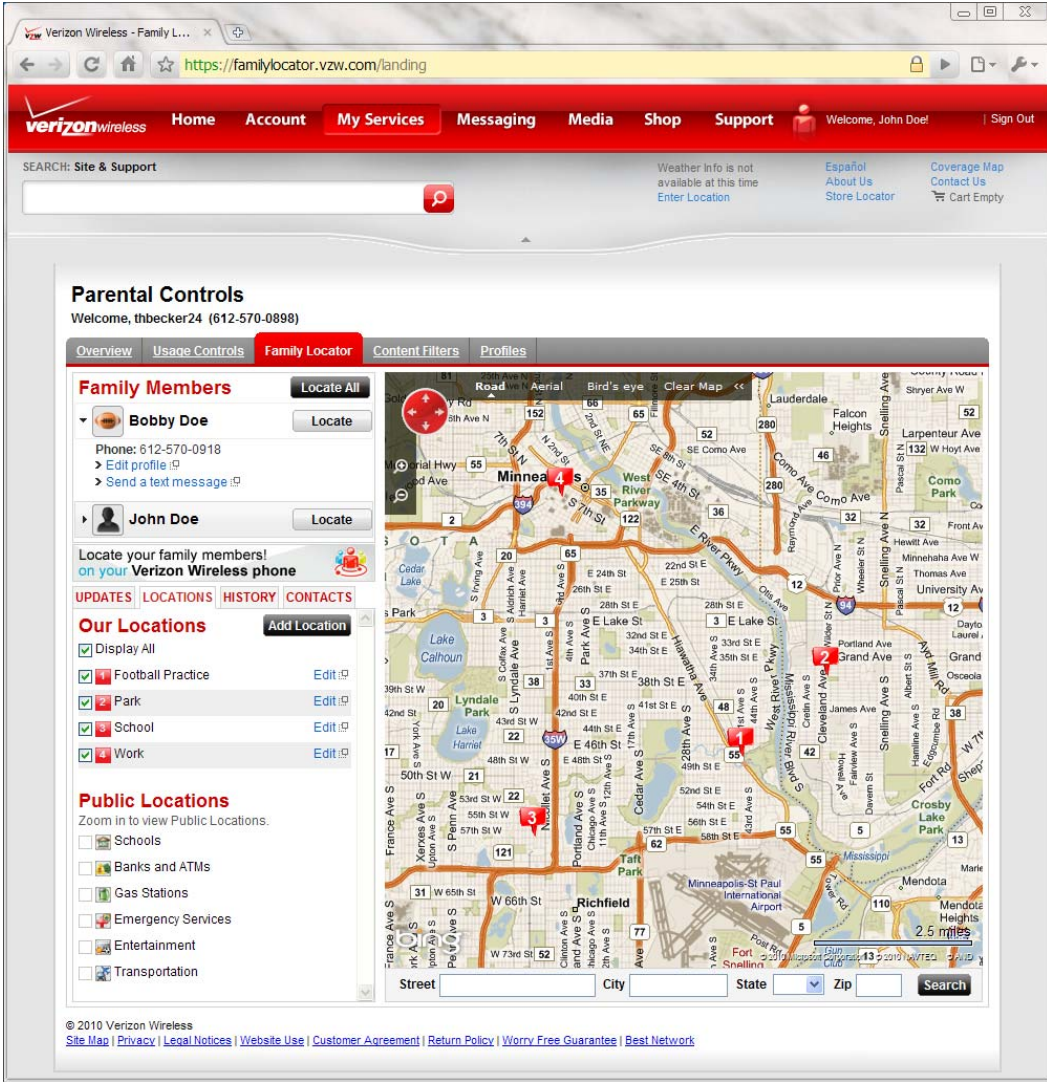
## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
6.h cont.		<p>By clicking "Add Location", the monitoring party can choose the locations, which then gives the address.</p>  <p>The screenshot shows the Verizon Wireless Family Locator interface. At the top, there's a navigation bar with links like Account, My Services, Messages, Media, Shop, and Support. Below this is a search bar and a welcome message for John Doe. The main content area is titled 'Parental Controls' and includes a 'Family Locator' tab. Under 'Family Members', there are buttons to 'Locate' Bobby Doe and John Doe. A 'New Location' pop-up is displayed over a map, showing the address [66-87] S 8TH ST, MINNEAPOLIS, MN 55402. The page also has sections for 'Our Locations' and 'Public Locations'.</p>

## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
6.h cont.		<p>Next, the monitoring party gives the location a name.</p>  <p>The screenshot displays the Verizon Wireless Family Locator interface. A 'Save Location' pop-up window is active, allowing a user to name and address a location. The 'Name' field contains 'Work' and the 'Address' field contains '[66-87] S 8TH ST MINNEAPOLIS, MN 55402'. The background shows a map of downtown Minneapolis with a red location pin. The left sidebar lists family members Bobby Doe and John Doe, and provides instructions on how to use the location feature.</p>

## Exhibit 17

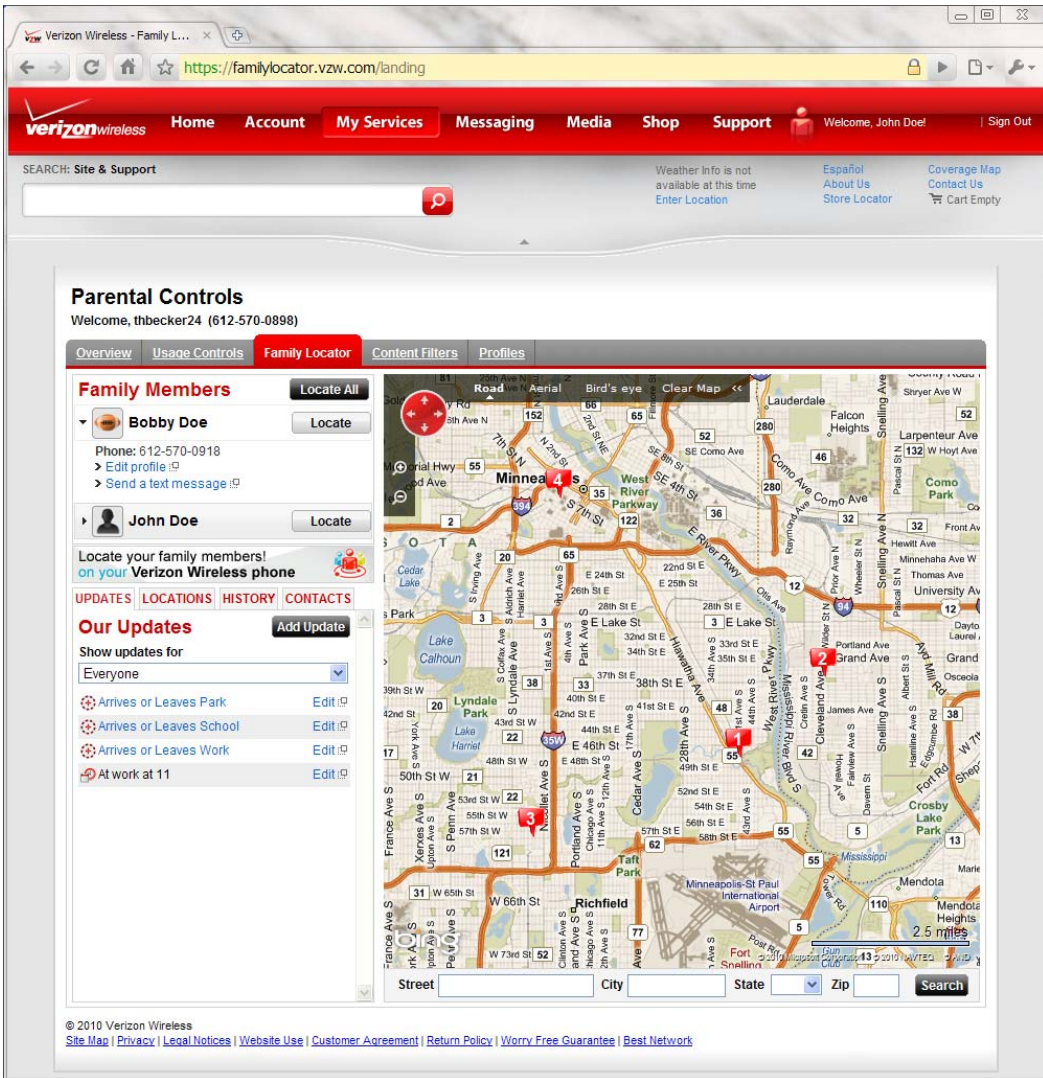
	Claim	Preliminary Exemplary Infringement Support
6.h cont.		<p>The monitoring party can set up multiple locations. For example, the monitoring party can have notification locations for work, school and football practice.</p>  <p>The screenshot displays the Verizon Wireless Family Locator interface. The top navigation bar includes links for Home, Account, My Services, Messaging, Media, Shop, and Support. A search bar is present with the text 'Site &amp; Support'. The main content area is titled 'Parental Controls' and includes a welcome message for 'thbecker24 (612-570-0898)'. The 'Family Locator' tab is selected, showing a list of family members: Bobby Doe and John Doe, each with a 'Locate' button. Below this, there are sections for 'Our Locations' and 'Public Locations'. The 'Our Locations' section has checkboxes for 'Display All', 'Football Practice', 'Park', 'School', and 'Work', each with an 'Edit' link. The 'Public Locations' section has checkboxes for 'Schools', 'Banks and ATMs', 'Gas Stations', 'Emergency Services', 'Entertainment', and 'Transportation'. A map of Minneapolis is shown on the right, with red location pins. At the bottom, there is a search bar with fields for Street, City, State, and Zip, and a 'Search' button.</p>

**Exhibit 17**

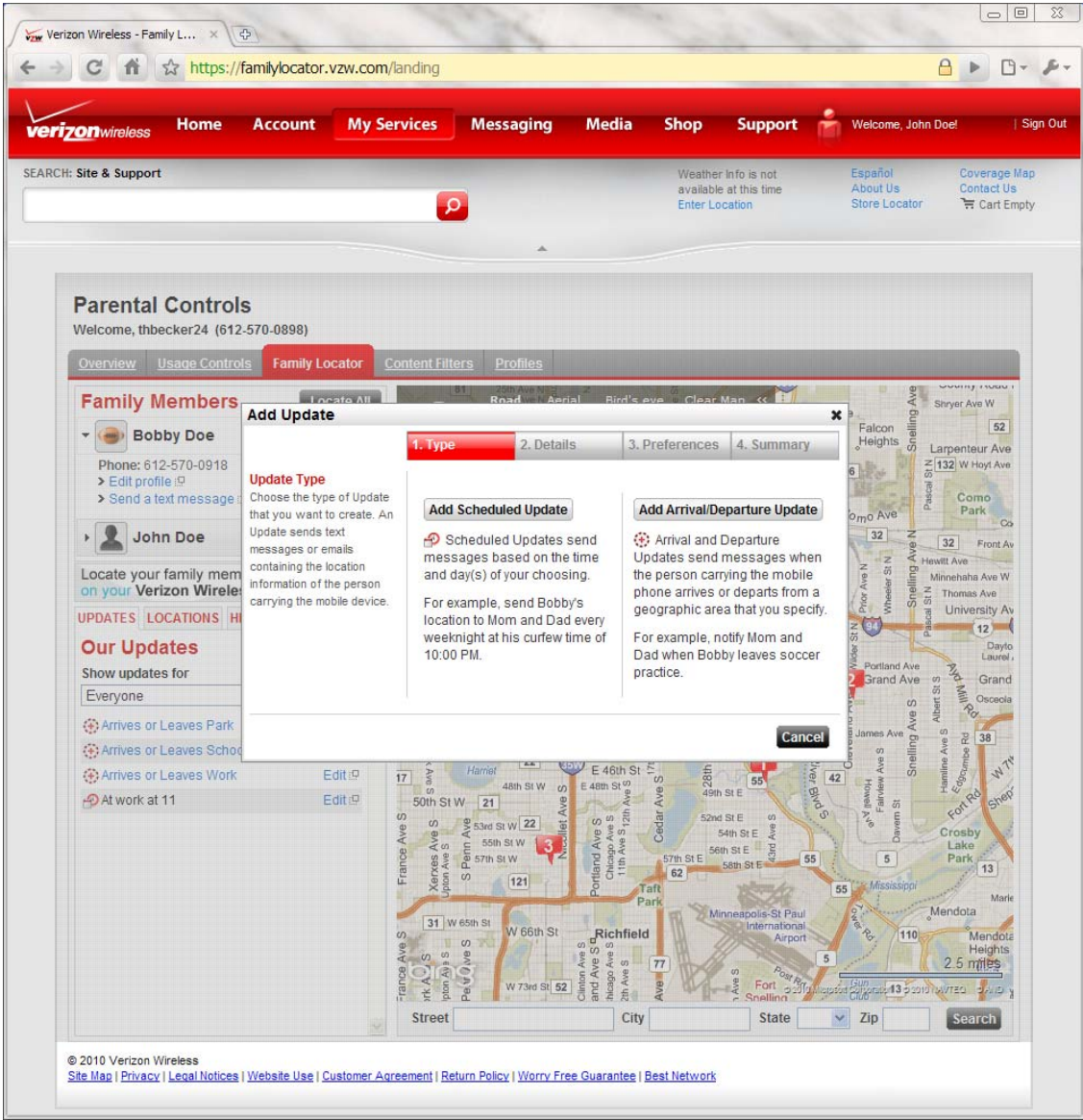
	<b>Claim</b>	<b>Preliminary Exemplary Infringement Support</b>
6.i	wherein said method comprises:	
6.i.1	determining whether the location of the mobile computing device corresponding to the object is at one of the one or more notification locations;	Family Locator "Updates" allow a server to determine whether one or more of the phones is located at one of the notification locations.



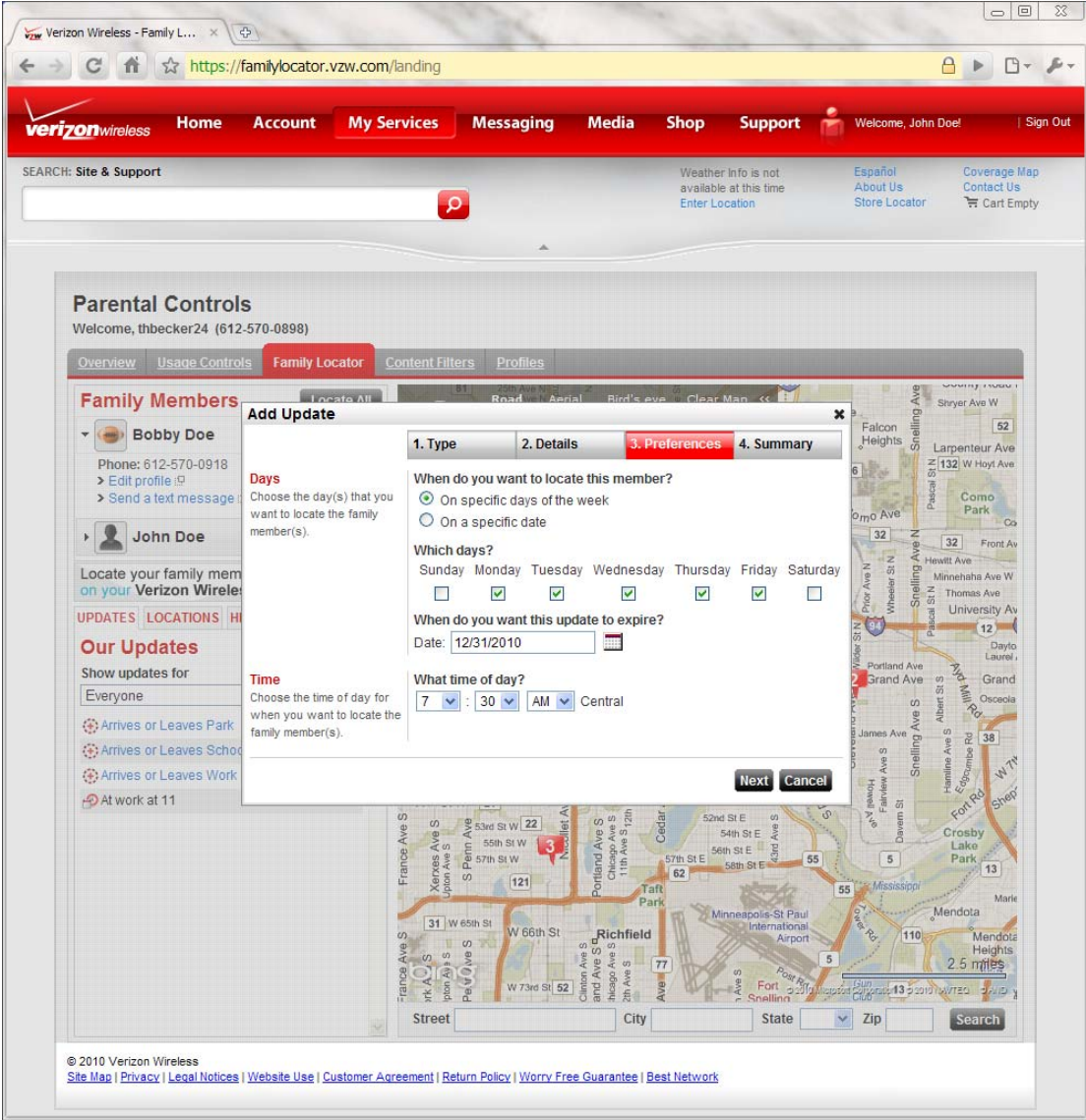
## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
6.i.1 cont.		<p>As one example, a monitoring party can choose to "Add Update".</p> 

## Exhibit 17

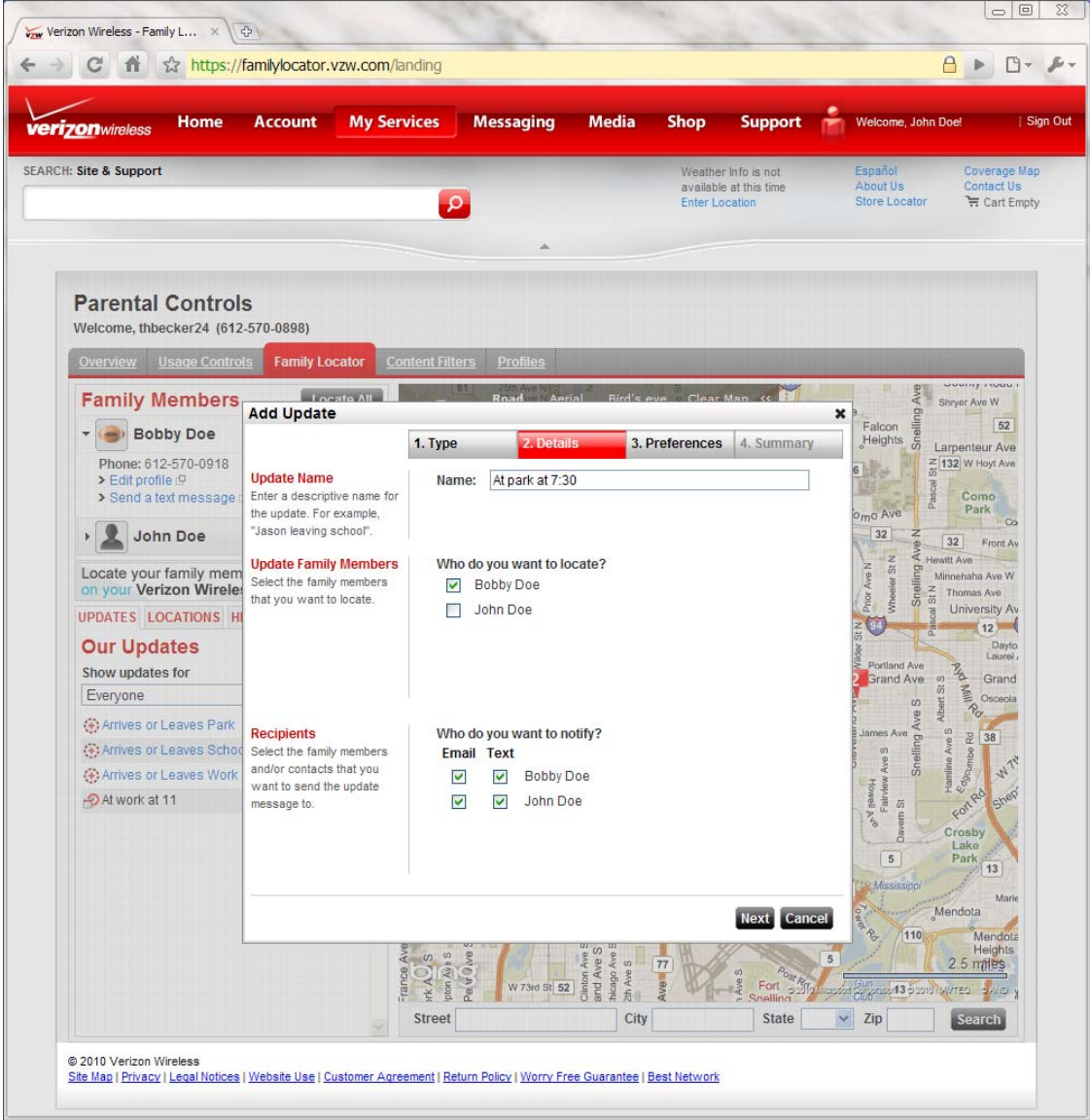
	Claim	Preliminary Exemplary Infringement Support
6.i.1 cont.		<p>One type of notification that can be selected is to “Add Scheduled Update”.</p>  <p>The screenshot displays the Verizon Wireless Family Locator interface. The main heading is 'Parental Controls' with a welcome message for 'thbecker24'. The 'Family Locator' tab is selected. A dialog box titled 'Add Update' is open, showing the 'Type' tab. It offers two update types: 'Add Scheduled Update' (highlighted) and 'Add Arrival/Departure Update'. The 'Add Scheduled Update' option includes a description: 'Scheduled Updates send messages based on the time and day(s) of your choosing. For example, send Bobby's location to Mom and Dad every weeknight at his curfew time of 10:00 PM.' The background shows a map of the Richfield area with various streets and landmarks.</p>

## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
6.i.1 cont.		<p>Parameters are added to set the dates and times when the phone should be at the notification location.</p> 

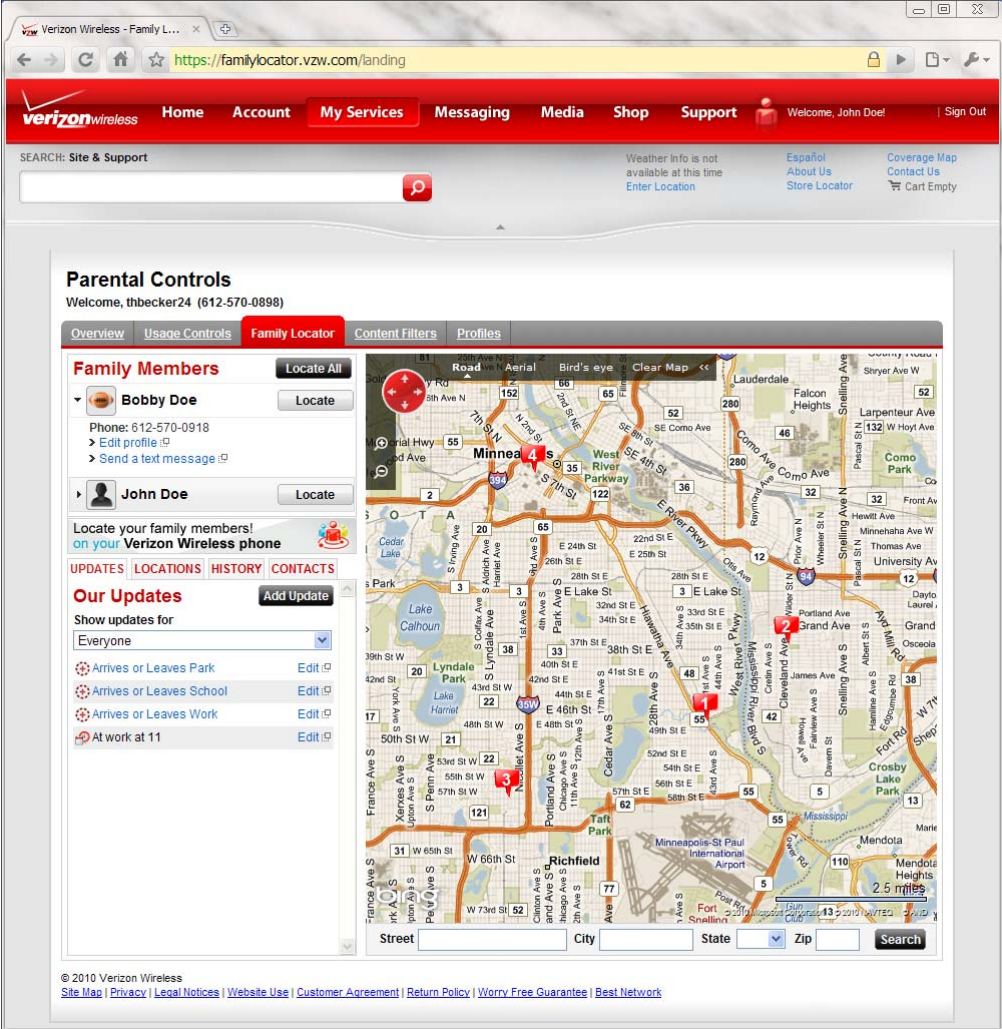


## Exhibit 17

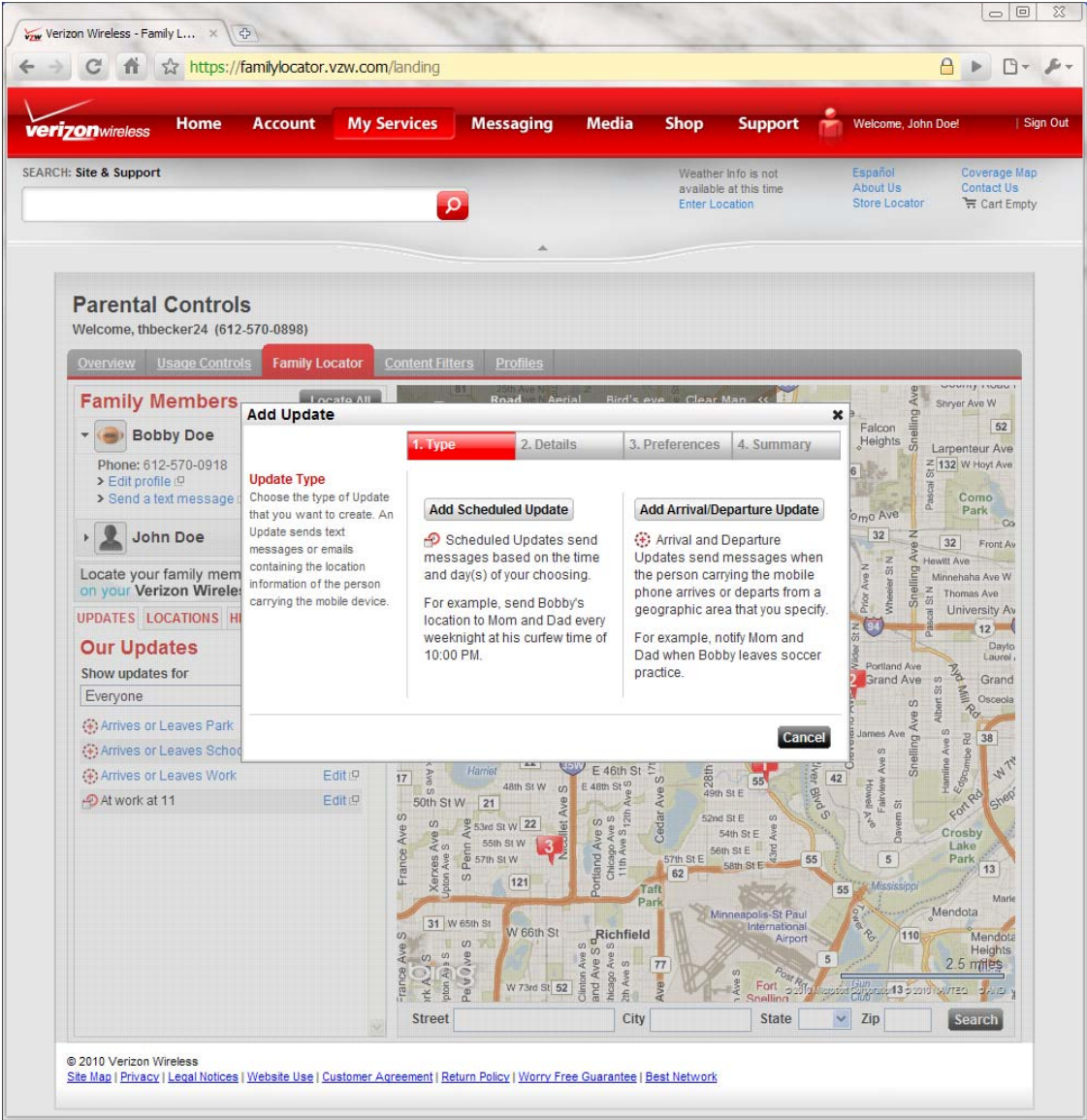
	Claim	Preliminary Exemplary Infringement Support
6.i.1 cont.		<p>The monitoring party also selects whether the notification will be sent by text message and/or an email.</p>  <p>The screenshot shows the Verizon Wireless Family Locator website. The main heading is 'Parental Controls' with a welcome message for 'thbecker24 (612-570-0898)'. The navigation bar includes 'Overview', 'Usage Controls', 'Family Locator', 'Content Filters', and 'Profiles'. The 'Family Locator' section is active, showing a list of family members: Bobby Doe (Phone: 612-570-0918) and John Doe. A map displays the location of Bobby Doe. An 'Add Update' dialog box is open, allowing the user to create a new update for Bobby Doe. The dialog box has four tabs: '1. Type', '2. Details', '3. Preferences', and '4. Summary'. The 'Details' tab is selected, showing a 'Name' field with the text 'At park at 7:30'. Below this, there are two sections: 'Who do you want to locate?' and 'Who do you want to notify?'. In the 'Who do you want to locate?' section, Bobby Doe is selected with a checked box, while John Doe is not selected. In the 'Who do you want to notify?' section, both Bobby Doe and John Doe are selected for both 'Email' and 'Text' notifications. The dialog box also includes 'Next' and 'Cancel' buttons at the bottom right.</p>



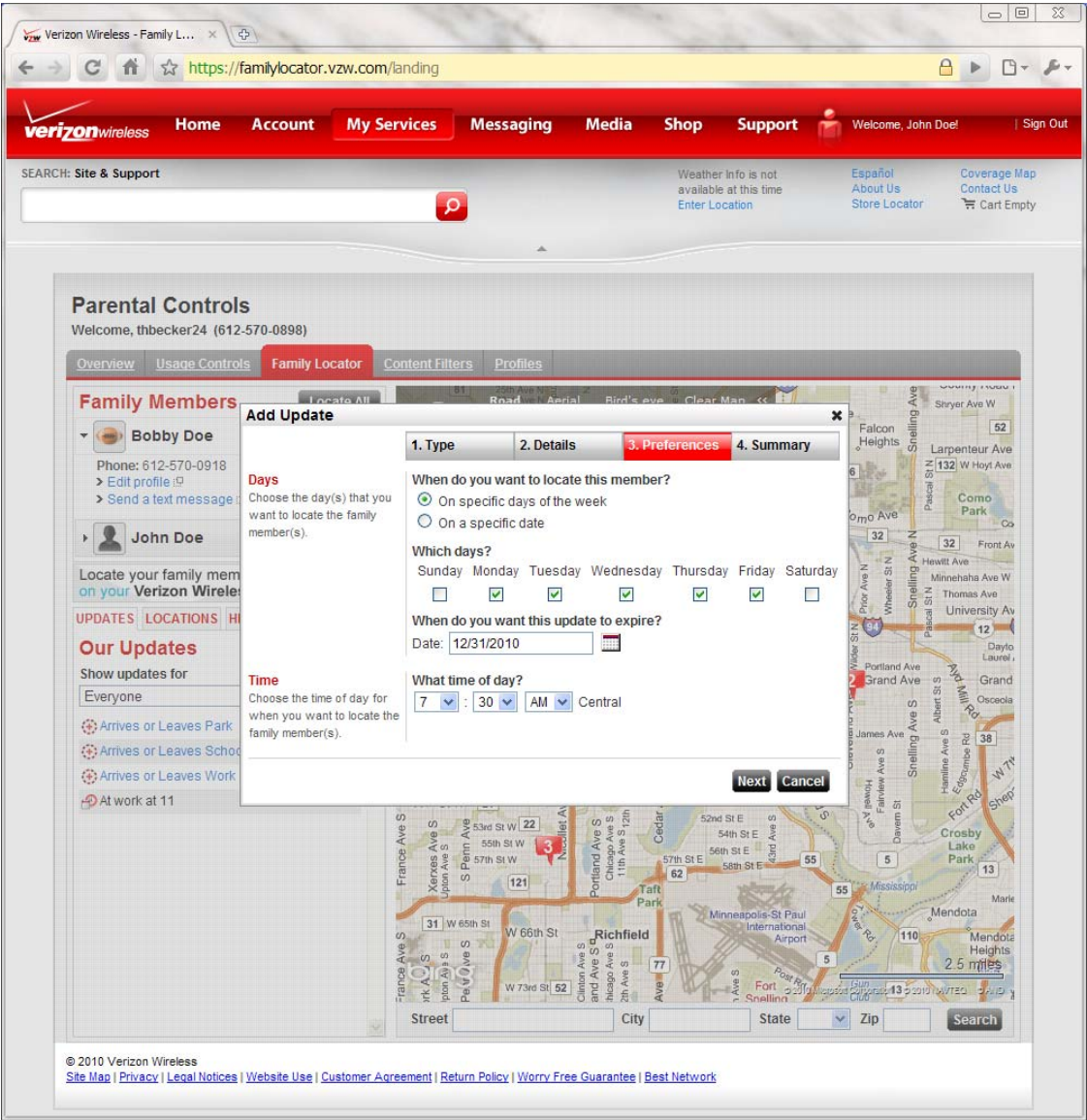
## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
6.i.2	generating a notification when said determining determines that the location of the mobile computing device corresponding to the object is at one of the notification locations; and	<p>Family Locator "Updates" allow a server to determine when to send a notification to a monitoring party based on the location of one of the phones.</p> <p>As one example, a monitoring party can choose to "Add Update".</p>  <p>The screenshot shows the Verizon Wireless Family Locator interface. The 'Parental Controls' section is active, with the 'Family Locator' tab selected. Under 'Family Members', Bobby Doe and John Doe are listed with 'Locate' buttons. The 'Our Updates' section shows a list of location updates for Bobby Doe, including 'Arrives or Leaves Park', 'Arrives or Leaves School', and 'At work at 11'. A map of Minneapolis is displayed on the right, with red location pins and numbered updates (1, 2, 3, 4) indicating specific locations. The interface includes a search bar, navigation links, and a footer with copyright information.</p>

## Exhibit 17

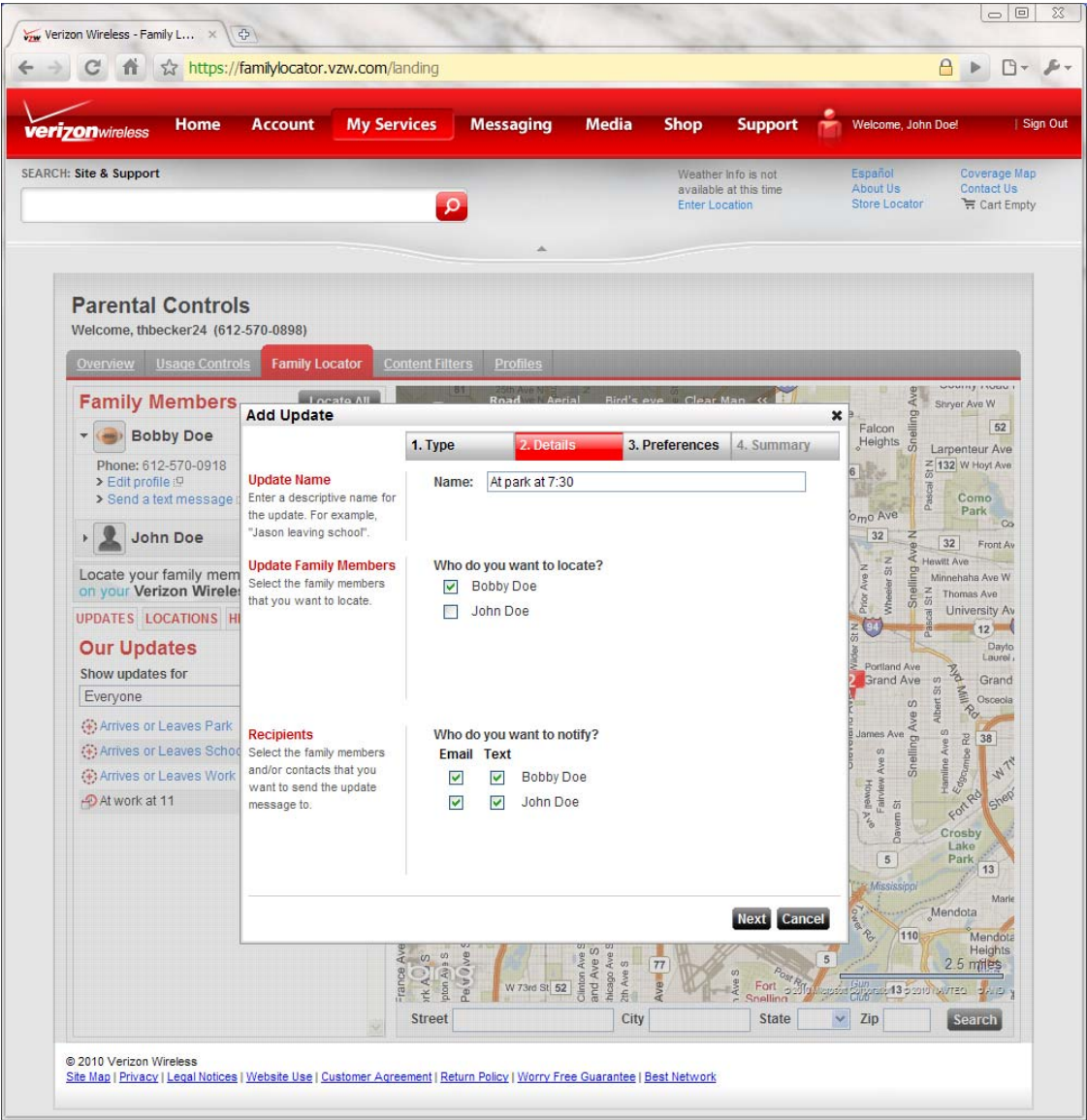
	Claim	Preliminary Exemplary Infringement Support
6.i.2 cont.		<p>One type of notification is to “Add Scheduled Update”.</p> 

## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
6.i.2 cont.		<p>Parameters are added to set the dates and times when the phone should be at the notification location.</p>  <p>The screenshot displays the Verizon Wireless Family Locator interface. A modal window titled 'Add Update' is open, allowing configuration for a family member named Bobby Doe. The 'Preferences' tab is selected, showing settings for when and where updates are triggered. The 'Days' section has 'On specific days of the week' selected, with checkboxes for each day of the week. The 'Time' section is set to 7:30 AM Central. The background map shows a location in Richfield, MN, with a red pin and a search bar at the bottom.</p>



## Exhibit 17

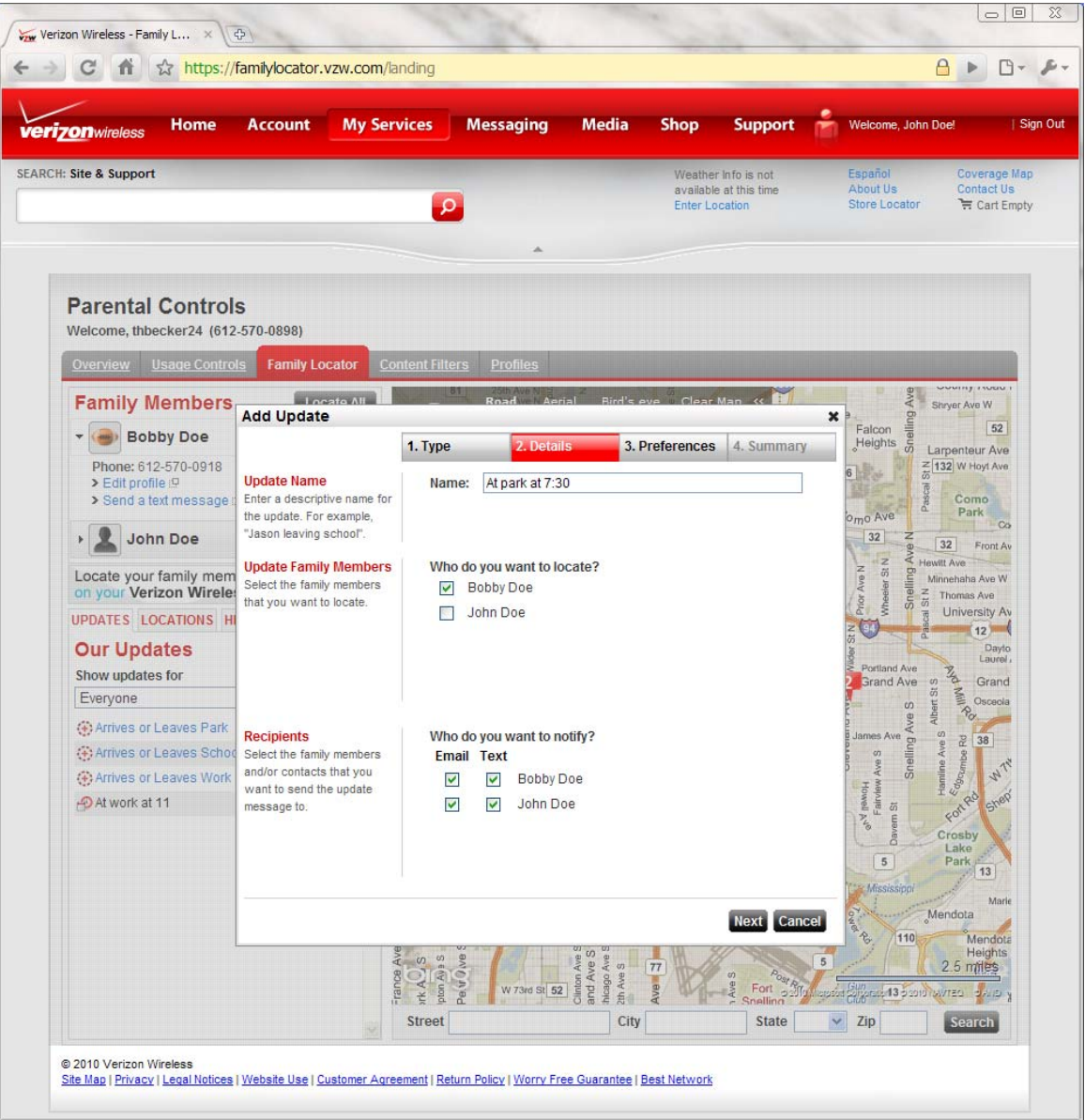
	Claim	Preliminary Exemplary Infringement Support
6.i.2 cont.		<p>The monitoring party also selects whether the notification will be sent by text message and/or an email.</p>  <p>The screenshot displays the Verizon Wireless Family Locator website. The main heading is 'Parental Controls' with a welcome message for 'thbecker24 (612-570-0898)'. The 'Family Locator' tab is active. A 'Family Members' list on the left includes Bobby Doe and John Doe. A 'Add Update' dialog box is open, showing the 'Details' tab. The 'Name' field contains 'At park at 7:30'. The 'Update Family Members' section shows Bobby Doe selected. The 'Recipients' section shows both Bobby Doe and John Doe selected for both Email and Text notifications. The background shows a map of a city with various streets and landmarks.</p>



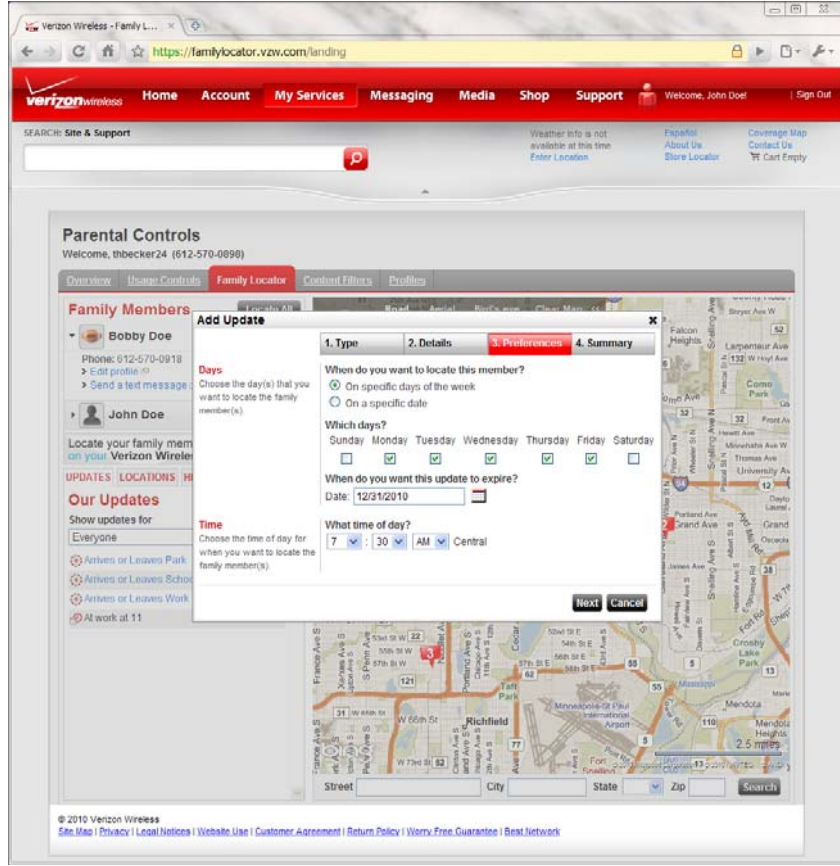
**Exhibit 17**

	<b>Claim</b>	<b>Preliminary Exemplary Infringement Support</b>
6.i.3	sending the notification to the authorized party.	<p>The update procedure above outlines the procedure by which a server determines if a notification is to be sent to the authorized party.</p> <p>That example notification is then sent to the authorized party. For example, the following email was received from notification@familylocator.vzw.com by the authorized party, based on a previously configured update.</p> <p>"Bobby Doe was near [2000-2059] ST CLAIR AVE ST PAUL, MN 55105 on 07/12/10 at 07:31 AM Central." (E-mail from notification@familylocator.vzw.com to guardianloc@gmail.com (July 12, 2010 at 7:31 AM))</p>
12.	A method as recited in claim 6, wherein the notification being sent is an electronic mail or instant message.	Notifications are sent by either electronic mail and/or instant message.

## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
12 cont.		 <p>The screenshot displays the Verizon Wireless Family Locator interface. The main navigation bar includes links for Home, Account, My Services, Messaging, Media, Shop, and Support. The user is logged in as John Doe. The 'Parental Controls' section is active, showing a list of family members: Bobby Doe and John Doe. Bobby Doe's profile is selected, and the 'Add Update' dialog box is open. The dialog box has four tabs: 1. Type, 2. Details (selected), 3. Preferences, and 4. Summary. In the 'Details' tab, the 'Update Name' field is set to 'At park at 7:30'. The 'Who do you want to locate?' section shows Bobby Doe selected with a checkmark. The 'Who do you want to notify?' section shows both Bobby Doe and John Doe selected with checkmarks. The background shows a map of a city area with various streets and landmarks.</p>

## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
13.	A method as recited in claim 6, wherein the object is a person.	The object is a person. “With Family Locator it’s easy to know where your family is. Simply use your mobile device or the Web to view the location of family members with Family Locator-capable devices. Your family members’ location information will be displayed on a detailed map.” ( <a href="http://parentalcontrolcenter/#_self">http://parentalcontrolcenter/#_self</a> )
14.	A method as recited in claim 6, wherein the period by which said receiving operates to receive the location is in accordance with a schedule, the schedule utilizing a plurality of different periods by which the location is acquired.	Receiving locations are in accordance with a schedule which utilizes multiple different periods by which the location is acquired.  For example, Scheduled Updates are defined by both the time of the day and days of the week.  

## Exhibit 17

	Claim	Preliminary Exemplary Infringement Support
15.	A method as recited in claim 14, wherein the schedule depends on the hour of day or the day of week.	<p>The schedule depends upon both the hour of the day and the day of the week.</p> 